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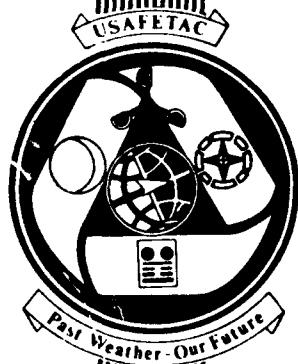
SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

ANDREWS AFB, MD

Prepared by

OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
28801-2723



DECEMBER 1989

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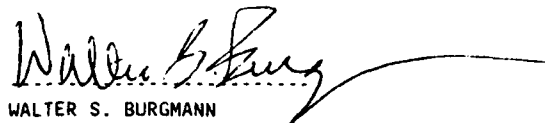
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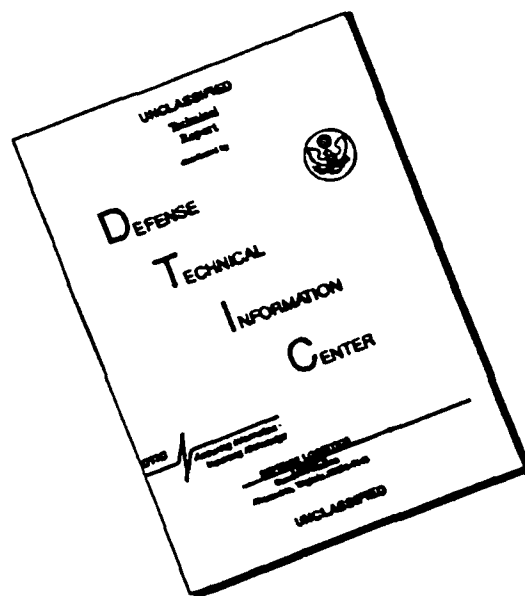
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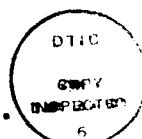


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REPORT DOCUMENTATION PAGE

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11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

CONTENTS

INTRODUCTION.....	1
STATION PERIOD OF RECORD.....	1
DATA SOURCES.....	1
TERMS EXPLAINED.....	1
TIME CONVENTIONS.....	2
ABBREVIATIONS.....	2
SUMMARY DESCRIPTIONS.....	2
STATION HISTORY.....	3
PART A - ATMOSPHERIC PHENOMENA SUMMARIES.....	A-1-1
SPECIFIED PHENOMENA	
PERCENT OCCURRENCE FREQUENCY (FROM HOURLY OBS).....	A-2-1
PERCENT OCCURRENCE FREQUENCY (FROM SOD DATA).....	A-3-1
PERCENT OCCURRENCE FREQUENCY (THUNDERSTORMS).....	A-4-1
VERSUS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.....	A-5-1
PART B - PRECIPITATION, SNOWFALL, AND SNOW DEPTH.....	B-1-1
PRECIPITATION	
PERCENT OCCURRENCE FREQUENCY.....	B-2-1
MONTHLY TOTALS.....	B-2-2
DAILY EXTREMES.....	B-2-3
SNOWFALL	
PERCENT OCCURRENCE FREQUENCY.....	B-3-1
MONTHLY TOTALS.....	B-3-2
DAILY EXTREMES.....	B-3-3
SNOW DEPTH	
PERCENT OCCURRENCE FREQUENCY.....	B-4-1
DAILY EXTREMES.....	B-4-2
SNOWFALL/SNOW DEPTH	
FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR.....	B-5-1
PART C - SURFACE WIND	
PEAK WINDS (FROM SOD DATA).....	C-2-1
PEAK WINDS--PERCENT OCCURRENCE FREQUENCY (FROM SOD DATA).....	C-3-1
WIND DIRECTION VS WIND SPEED--POF (FROM HOURLY OBS).....	C-4-1
PART D - CEILING, VISIBILITY AND SKY CVER	
CEILING VS VISIBILITY--POF (FROM HOURLY OBS).....	D-2-1
SKY COVER--POF (FROM HOURLY OBS).....	D-3-1

PART E - TEMPERATURE AND RELATIVE HUMIDITY.....	E-1-1
TEMPERATURES--CUMULATIVE POF (FROM SOD DATA)	
MAXIMA.....	E-2-1
MINIMA.....	E-2-2
MEAN.....	E-2-3
MONTHLY TEMPERATURES (FROM SOD DATA)	
MAXIMA.....	E-3-1
MINIMA.....	E-3-2
MEAN.....	E-4-1
DRY BULB, WET BULB, DEW POINT TEMPERATURES (FROM HOURLY OBS)	
DRY BULB.....	E-5-1
WET BULB.....	E-5-2
DEW POINT.....	E-5-3
RELATIVE HUMIDITY (FROM HOURLY OBS)	
CUMULATIVE PERCENT OCCURRENCE FREQUENCY.....	E-6-1
PART F - PRESSURE (FROM HOURLY OBS).....	F-1-1
SEA LEVEL PRESSURE.....	F-2-1
ALTIMETER SETTING.....	F-3-1
STATION PRESSURE.....	F-4-1
PART G - CROSSWIND SUMMARIES (FROM HOURLY OBS).....	G-1-1
PERCENT OCCURRENCE FREQUENCY.....	G-2-1
PART H - DEGREE DAY SUMMARIES (FROM HOURLY OBS).....	H-1-1
HEATING DEGREE DAYS.....	H-2-1
COOLING DEGREE DAYS.....	H-3-1

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: JUL 79 - JUN 89 (AIRWAYS).

SUMMARY OF DAY DATA: JUN 43 - JUN 89 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SCD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

* UTC REPLACED GMT ON 1 AUGUST 1988

STATION NO. ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FLD ELEV (FT)		CALL SIGN		WMO NMBR	
745940		ANDREWS AFB/CAMP SPRINGS, MD		N 38 49		W 076 53		281		ADW		74594	

STATION LOCATION AND INSTRUMENTATION HISTORY									
Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Camp Springs AAF, D.C.	AAF	Jun 43	Feb 44	N 38 41	W 076 53	279	282	24
2	Andrews Field, D.C.	AAF	Mar 44	Dec 47	N 38 49	Same	Same	Same	24
3	Andrews AFB/Camp Springs MD	AFB	Jan 48	May 54	Same	Same	Same	Same	24
4	Same	Same	Jun 54	Aug 78	Same	W 076 51	Same	Same	24
5	Same	Same	Sep 78	Aug 81	Same	W 076 52	Same	275	24
6	Same	Same	Sep 81	Jan 88	Same	Same	281	Same	24

SURFACE WIND EQUIPMENT INFORMATION						REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
Nmbr of Loc	Date of Change	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jun 43	On W side of hangar	Anemometer	N/A	N/A	
2	Mar 44	Atop hangar	Selsyn	ML-144B	50 ft	
3	Jan 48	Atop hangar, 1320' N of stn	Same	Same	Same	
4	Apr 55	Same	Same	Same	60 ft	
5	Sep 56	1. Atop hangar, 200' fm wea stn	Same	Same	68 ft	
		2. At ROS atop control twr cab, 1 1/4 mi fm wea stn	AN/GMQ-1	ML-204B	110 ft	
6	Nov 61	1. 450' NW of WOSB	Same	Same	12 ft	
		2. Between rwy 01/19	AN/GMQ-11	RO-2	13 ft	
7	Jul 70	1. 540' E of ctrln, 1203' fm end rwy 19R	AN/GMQ-20	RO-362	Same	
		2. 807' W of ctrln, 1414' fm end rwy 01R	Same		Same	
8	Jan 88	1. Same	Same	Same	21 ft	
		2. Same	Same		22 ft	

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	AAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		5.1	1.2	5.6		11.8	15.3	2.5	.3		29.9	930
03-05		6.2	1.2	6.3		13.8	16.3	2.5	.3		32.9	930
06-08		7.6	1.2	6.8		15.6	18.5	3.5	.1		37.7	930
09-11		6.8	.8	7.2		14.7	18.8	8.0	.4		41.9	930
12-14	.1	6.3	.9	6.3		13.5	14.2	8.5	.5		36.8	930
15-17		7.1	1.3	5.4		13.8	14.4	7.1			35.3	930
18-20	.1	6.0	1.7	5.4		13.1	14.3	3.5	.1		31.1	930
21-23		5.8	1.7	5.4		12.9	14.7	2.2	.6		30.4	930
ALL HOURS	.0	6.4	1.2	6.0		13.7	15.8	4.7	.3		34.5	7440

MONTH: FEB

00-02		11.0	1.3	4.7		17.0	20.5	.9	.1		38.5	849
03-05		11.2	1.2	4.5		16.8	23.3	1.3	.2		41.7	849
06-08		10.8	.7	4.0		15.5	24.9	5.9	.7		47.0	849
09-11		11.7	.7	5.2		17.6	21.6	7.3	.6		47.0	849
12-14		11.1	.4	5.3		16.7	15.7	6.0	.4		38.8	849
15-17	.1	9.5	.8	5.3		15.7	14.1	6.0	.4		36.2	849
18-20		8.7	.8	4.9		14.5	15.0	3.1	.4		32.9	849
21-23		9.3	.9	6.1		16.4	17.1	1.3			34.7	849
ALL HOURS	.0	10.4	.9	5.0		16.3	19.0	4.0	.3		39.6	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		12.3	.5	1.5		14.3	15.8	1.0			31.1	930
03-05	.1	12.3	.6	3.0		15.9	19.7	.8	.3		36.7	930
06-08	.3	13.8	.5	2.7		17.0	23.2	5.1			45.3	930
09-11	.1	12.8	.4	1.6		14.8	15.5	6.1			36.5	930
12-14		11.5	.2	.9		12.6	11.4	3.8			27.7	930
15-17	.8	12.8	.3	1.3		14.4	13.1	3.4			31.0	930
18-20	.9	11.5	.2	2.3		14.0	12.9	2.3			29.1	930
21-23	.2	11.8	.1	1.5		13.4	13.3	1.5			28.3	930
ALL HOURS	.3	12.3	.4	1.8		14.6	15.6	3.0	.0		33.2	7440

MONTH: APR

00-02	.8	12.2		.6		12.8	15.3	3.1			31.2	900
03-05	.1	12.7		1.6		14.2	19.0	2.4			35.7	900
06-08	.2	12.6		.9		13.4	24.1	7.1			44.7	900
09-11	.3	11.8		.7		1.4	14.0	6.3			32.8	900
12-14	.6	10.4		.3		10.8	10.0	6.1		.1	27.0	900
15-17	1.2	13.8		.1		13.9	9.7	4.8		.2	28.6	900
18-20	1.7	14.3				14.3	10.8	5.4			30.6	900
21-23	1.7	12.4		.2		12.7	12.8	3.8			29.2	900
ALL HOURS	.8	12.5		.5		13.1	14.5	4.9		.0	32.5	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.5	11.4				11.4	26.3	8.4			46.1	930
03-05	.4	10.4				10.4	35.4	8.8			54.6	930
06-08	.8	12.6				12.6	34.0	14.6			61.2	930
09-11	.1	10.4				10.4	17.2	17.6			45.3	930
12-14	1.5	10.5			.1	10.6	10.3	14.5			35.5	930
15-17	3.1	11.8				11.8	9.6	11.2		.1	32.7	930
18-20	4.7	13.3			.1	13.4	12.4	12.2			38.0	930
21-23	2.8	13.7				13.7	17.7	9.5			40.9	930
ALL HOURS	1.7	11.8			.0	11.8	20.4	12.1		.0	44.3	7440

MONTH: JUN

00-02	.6	6.1				6.1	18.9	22.8			47.8	900
03-05	.6	6.1				6.1	31.9	24.1			62.1	900
06-08	.6	6.2				6.2	26.2	32.6			65.0	900
09-11		3.2				3.2	7.8	29.6			40.6	900
12-14	1.0	4.9				4.9	3.6	24.9			33.3	900
15-17	5.0	9.1				9.1	3.8	23.9			36.8	900
18-20	4.2	7.5				7.5	6.7	23.6			37.8	898
21-23	3.5	6.9				6.9	11.7	23.5			42.1	897
ALL HOURS	1.9	6.3				6.3	13.8	25.6			45.7	7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.3	3.4				3.4	23.1	31.7			58.3	930
03-05	.5	4.8				4.8	33.3	33.5			71.7	930
06-08	.5	6.2				6.2	30.1	43.2			79.6	930
09-11	.6	5.8				5.8	9.6	41.8			57.2	930
12-14	2.2	5.4				5.4	2.8	37.7			45.9	930
15-17	3.8	6.0				6.0	1.9	37.1			45.1	930
18-20	7.0	8.5				8.5	5.3	38.6			52.4	930
21-23	4.4	5.8				5.8	14.6	33.8			54.2	930
ALL HOURS	2.5	5.8				5.8	15.1	37.2			58.0	7440

MONTH: AUG

00-02	.8	4.5				4.5	27.0	28.6			60.1	930
03-05	.5	4.9				4.9	39.6	29.2			73.8	930
06-08		5.5				5.5	38.0	35.5			78.9	930
09-11	.5	5.7				5.7	11.1	41.0			57.7	930
12-14	.9	6.1				6.1	3.9	33.5			43.5	930
15-17	2.8	6.2				6.2	4.4	29.9			40.5	930
18-20	4.6	7.4				7.4	6.0	27.7			41.2	930
21-23	2.2	6.8				6.8	13.2	24.4			44.4	930
ALL HOURS	1.5	5.9				5.9	17.9	31.2			55.0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.8	8.7				8.7	23.6	11.6			43.8	900
03-05	.2	7.4				7.4	34.6	10.9			52.9	900
06-08	.1	8.1				8.1	41.4	19.1			68.7	900
09-11		7.4				7.4	14.3	23.9			45.7	900
12-14	.3	5.6				5.6	6.2	18.4			30.2	900
15-17	1.0	7.3				7.3	6.9	17.9			32.1	900
18-20	2.0	9.0				9.0	11.0	18.4			38.4	900
21-23	.9	8.3				8.3	17.0	14.9			40.2	900
ALL HOURS	.7	7.7				7.7	19.4	16.9			44.0	7200

MONTH: OCT

00-02	.5	10.0				10.0	22.3	6.5			38.7	930
03-05	.2	9.5		.1		9.6	29.9	5.6			45.1	930
06-08		9.7		.3		10.0	33.3	10.5			53.9	930
09-11	.1	9.6		.3		9.9	16.7	14.5			41.1	930
12-14	.1	9.1		.1		9.2	9.9	9.2			28.4	930
15-17	.1	9.8				9.8	9.7	7.6			27.1	930
18-20	.6	9.6				9.6	12.3	7.2			29.0	930
21-23	.8	10.3				10.3	15.4	6.8			32.5	930
ALL HOURS	.3	9.7		.1		9.8	18.7	8.5			37.0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	12.4	.1			12.6	16.0	3.4			32.0	900
03-05	.2	10.3	.2	.2		10.8	21.3	4.6			36.7	900
06-08		11.4		1.0		12.4	30.4	5.2			48.1	900
09-11	.1	12.0		.7		12.7	20.0	10.0			42.7	900
12-14	.1	12.1		.7		12.8	12.8	5.8			31.3	900
15-17	.3	13.4		.3		13.8	12.4	5.3	.2		31.8	900
18-20	.3	13.4		.3		13.8	12.0	4.0			29.8	900
21-23	.3	12.6		.2		12.8	11.3	3.7			27.8	900
ALL HOURS	.2	12.2	.0	.4		12.7	17.0	5.3	.0		35.0	7200

MONTH: DEC

00-02		9.1	.1	1.2		10.4	14.1	1.4			25.9	930
03-05		9.7	.5	.8		11.0	16.1	1.4			28.5	930
06-08		11.9	.5	1.9		14.4	21.5	2.8			38.7	930
09-11		12.3	.2	2.3		14.7	19.0	6.3	.3		40.4	930
12-14		10.4	.4	2.2		13.0	14.8	3.1			31.0	930
15-17		10.4	.3	1.6		12.4	13.9	2.9			29.1	930
18-20		9.7	.5	1.2		11.4	13.7	1.7			26.8	930
21-23		8.1	.3	1.5		9.9	13.2	1.3			24.4	930
ALL HOURS		10.2	.4	1.6		12.2	15.8	2.6	.0		30.6	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.0	6.4	1.2	6.0		13.7	15.8	4.7	.3		34.5	7440
FEB	.0	10.4	.9	5.0		16.3	19.0	4.0	.3		39.6	6792
MAR	.3	12.3	.4	1.8		14.6	15.6	3.0	.0		33.2	7440
APR	.8	12.5		.5		13.1	14.5	4.9		.0	32.5	7200
MAY	1.7	11.8			.0	11.8	20.4	12.1		.0	44.3	7440
JUN	1.9	6.3				6.3	13.8	25.6			45.7	7195
JUL	2.5	5.8				5.8	15.1	37.2			58.0	7440
AUG	1.5	5.9				5.9	17.9	31.2			55.0	7440
SEP	.7	7.7				7.7	19.4	16.9			44.0	7200
OCT	.3	9.7		.1		9.8	18.7	8.5			37.0	7440
NOV	.2	12.2	.0	.4		12.7	17.0	5.3	.0		35.0	7200
DEC		10.2	.4	1.6		12.2	15.8	2.6	.0		30.6	7440
ANNUAL	.8	9.3	.2	1.3	.0	10.8	16.9	13.1	.1	.0	40.8	87667

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4901-8906
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.7	34.5	5.8	23.3		47.2	38.2	36.5	2.0		62.6	1269
FEB	.8	36.7	4.9	23.3	.2	48.6	40.4	38.8	2.0		64.5	1158
MAR	5.0	44.5	1.1	14.0	.3	49.8	38.7	33.6	.5		61.4	1271
APR	9.6	50.4	.2	3.1	.7	51.0	37.1	32.1			63.5	1229
MAY	17.1	53.0		.2	.5	53.0	48.5	46.3			70.9	1271
JUN	21.8	45.8			.6	45.8	49.8	60.0			75.9	1230
JUL	25.5	46.3			.3	46.3	49.9	68.0			80.1	1239
AUG	20.5	42.6			.2	42.6	56.2	71.5			82.3	1240
SEP	8.2	36.8			.2	36.8	53.3	57.3			72.8	1200
OCT	3.6	35.4		.5		35.4	47.1	47.1			66.9	1240
NOV	1.8	39.6	.1	6.0	.2	42.2	42.9	37.3	.1		64.4	1200
DEC	.6	36.9	3.1	15.1		44.3	37.7	33.9	.		61.3	1240
ANNUAL	9.6	41.9	1.3	7.1	.3	45.3	45.0	46.8	.4		68.9	14787

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02				.8	.5	.6	1.3	.8	.8	.5	.2	
03-05			.1	.1	.4	.6	.5	.5	.2	.2	.2	
06-08			.3	.2	.8	.6	.5		.1			
09-11			.1	.3	.1		.6	.5		.1	.1	
12-14	.1			.6	1.5	1.0	2.2	.9	.3	.1	.1	
15-17		.1	.8	1.2	3.1	5.0	3.8	2.8	1.0	.1	.3	
18-20	.1		.9	1.7	4.7	4.2	7.0	4.6	2.0	.6	.3	
21-23			.2	1.7	2.8	3.5	4.4	2.2	.9	.8	.3	
ALL HOURS	.0	.0	.3	.8	1.7	1.9	2.5	1.5	.7	.3	.2	
TOTAL OBS	7440	6792	7440	7200	7440	7195	7440	7440	7200	7440	7200	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 039	040 - 139	140 - 219	220 - 279	280 - 329	NO OF OBS
TSTMS			50.0				50.0	2
LIQUID PRECIP	6.3		27.6	28.8	16.1	13.4	7.9	479
FREEZING PRECIP	10.9		72.8	5.4	7.6	1.1	2.2	92
FROZEN PRECIP	9.5		39.0	22.6	11.0	3.2	14.7	464
FOG	14.6		32.6	15.8	11.9	15.5	9.6	1171
FOG WITH VIS GE 1/2 MILES	14.0		34.2	15.1	11.2	15.6	10.0	1067
TOTAL OBS	921	0	1708	799	1083	1034	1895	7440

MONTH: FEB HOURS: ALL

TSTMS			100.0					1
LIQUID PRECIP	6.9		26.5	31.9	17.2	8.3	9.2	709
FREEZING PRECIP	12.1		62.1	19.0	6.9			58
FROZEN PRECIP	6.4		46.9	28.5	8.4	3.4	6.4	358
FOG	15.5		27.6	27.3	14.8	8.1	6.7	1288
FOG WITH VIS GE 1/2 MILES	14.1		28.9	26.4	14.9	8.5	7.2	1134
TOTAL OBS	798	0	1646	1094	1069	632	1552	6791

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 039	040 - 139	140 - 219	220 - 279	280 - 329	NO OF OBS
TSTMS			18.2	27.3	18.2	18.2	18.2	22
LIQUID PRECIP	3.0		27.2	41.0	19.0	5.3	4.6	912
FREEZING PRECIP			60.7	35.7			3.6	28
FROZEN PRECIP	6.3		41.7	26.4	6.3	2.1	17.4	144
FOG	8.4		26.2	36.5	16.1	8.2	4.7	1161
FOG WITH VIS GE 1/2 MILES	7.9		27.1	35.6	16.3	8.1	4.9	1097
TOTAL OBS	555	0	1892	1222	1410	845	1516	7440

MONTH: APR HOURS: ALL

TSTMS	6.8		20.3	27.1	30.5	5.1	10.2	59
LIQUID PRECIP	5.3		24.0	38.5	13.5	8.3	10.5	860
FREEZING PRECIP								
FROZEN PRECIP	12.8		10.3	20.5	17.9	2.6	35.9	39
FOG	12.8		26.8	42.9	8.2	4.9	4.5	1028
FOG WITH VIS GE 1/2 MILES	11.8		27.5	42.8	8.1	5.0	4.8	958
TOTAL OBS	711	0	1450	1411	1345	892	1391	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 039	040 - 139	140 - 219	220 - 279	280 - 329	NO OF OBS
TSTMS	8.3		18.2	25.8	18.9	13.6	15.2	132
LIQUID PRECIP	5.2		224	40.3	19.1	6.5	6.5	786
FREEZING PRECIP								
FROZEN PRECIP								
FOG	18.5		16.6	33.2	18.3	7.4	6.0	1512
FOG WITH VIS GE 1/2 MILES	18.2		17.0	32.6	18.4	7.5	6.2	1462
TOTAL OBS	944	0	1264	1346	1758	1114	1013	7439

MONTH: JUN HOURS: ALL

TSTMS	2.9		22.5	18.1	23.9	17.4	15.2	138
LIQUID PRECIP	9.2		18.2	29.1	23.2	14.5	5.9	358
FREEZING PRECIP								
FROZEN PRECIP								
FOG	24.5		13.4	21.3	19.5	17.4	4.0	973
FOG WITH VIS GE 1/2 MILES	23.6		13.4	21.6	19.7	17.6	4.0	953
TOTAL OBS	971	0	1123	971	1740	1454	935	7194

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 039	040 - 139	140 - 219	220 - 279	280 - 329	NO OF OBS
TSTMS	3.7		14.3	15.9	30.2	24.9	11.1	189
LIQUID PRECIP	12.3		10.4	26.6	20.8	21.4	8.4	308
FREEZING PRECIP								
FROZEN PRECIP								
FOG	24.5		9.5	13.8	22.0	20.1	10.0	1072
FOG WITH VIS GE 1/2 MILES	24.3		9.3	13.7	22.3	20.4	10.0	1060
TOTAL OBS	1050	0	971	963	1823	1589	1044	7440

MONTH: AUG HOURS: ALL

TSTMS	7.9		19.3	10.5	25.4	17.5	19.3	114
LIQUID PRECIP	8.0		24.8	30.0	20.9	9.1	7.2	363
FREEZING PRECIP								
FROZEN PRECIP								
FOG	20.7		16.2	17.9	21.0	17.4	6.8	1275
FOG WITH VIS GE 1/2 MILES	20.7		16.1	17.9	21.2	17.2	6.9	1263
TOTAL OBS	965	0	1331	1238	2042	1197	667	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 039	040 - 139	140 - 219	220 - 279	280 - 329	NO OF OBS
TSTMS	10.4		12.5	25.0	22.9	12.5	16.7	48
LIQUID PRECIP	4.2		35.3	29.8	19.4	5.5	5.8	530
FREEZING PRECIP								
FROZEN PRECIP								
FOG	17.5		23.2	22.1	19.2	14.3	3.7	1347
FOG WITH VIS GE 1/2 MILES	17.5		23.5	22.3	18.7	14.2	3.8	1318
TOTAL OBS	977	0	1504	1345	1541	1141	692	7200

MONTH: OCT HOURS: ALL

TSTMS	8.7		17.4		39.1	34.8		23
LIQUID PRECIP	4.4		31.5	31.8	15.9	8.9	7.4	704
FREEZING PRECIP								
FROZEN PRECIP			100.0					8
FOG	20.0		23.8	19.7	20.3	10.7	5.5	1368
FOG WITH VIS GE 1/2 MILES	19.7		24.5	18.8	20.4	10.9	5.6	1302
TOTAL OBS	1086	0	1539	1076	1592	1037	1110	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 039	040 - 139	140 - 219	220 - 279	280 - 329	NO OF OBS
TSTMS	6.7		20.0		46.7	20.0	6.7	15
LIQUID PRECIP	4.5		25.9	36.8	14.5	.2	9.2	885
FREEZING PRECIP			100.0					3
FROZEN PRECIP			61.5	17.9			20.5	39
FOG	17.8		23.0	27.6	15.0	9.5	7.2	1216
FOG WITH VIS GE 1/2 MILES	17.3		23.7	27.6	14.8	9.1	7.5	1161
TOTAL OBS	982	0	1320	985	1491	1030	1392	7200

MONTH: DEC HOURS: ALL

TSTMS								
LIQUID PRECIP	7.6		22.9	30.1	19.6	12.3	7.6	767
FREEZING PRECIP	22.6		9.7	48.4	9.7	9.7		31
FROZEN PRECIP	7.1		40.5	25.4	10.3	3.2	13.5	126
FOG	16.9		22.6	21.4	17.8	14.8	6.4	1175
FOG WITH VIS GE 1/2 MILES	15.4		22.8	22.3	17.2	15.4	7.0	1074
TOTAL OBS	961	0	1516	768	1430	1132	1633	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	330 - 039	040 - 139	140 - 219	220 - 279	280 - 329	NO OF OBS
TSTMS	5.8		18.2	18.2	26.0	17.9	14.0	743
LIQUID PRECIP	5.8		25.5	34.2	17.7	9.3	7.6	7661
FREEZING PRECIP	11.3		59.4	19.3	6.6	1.9	1.4	212
FROZEN PRECIP	7.6		42.1	24.8	9.3	3.0	13.2	1178
FOG	17.6		21.9	25.0	17.1	12.2	6.2	14586
FOG WITH VIS GE 1/2 MILES	17.1		22.2	24.6	17.1	12.3	6.5	13849
TOTAL OBS	10921	0	17264	13218	18324	13097	14840	87664

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBBBB
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	BBBBBBBBBB
PP	AAAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBB

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN POR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS

- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4306-8906
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	52.2	51.8	50.0	48.8	46.6	54.2	52.8	58.3	62.1	64.7	56.8	56.5	54.6
TRACE	15.1	16.6	15.4	16.9	16.8	13.9	14.2	12.4	12.2	12.1	13.3	14.5	14.4
.01	2.0	3.0	2.8	3.5	2.9	2.9	2.5	2.5	3.0	1.6	2.8	2.0	2.6
.02-.05	6.4	5.2	5.9	5.9	6.5	5.7	5.4	5.3	3.9	4.1	5.7	5.3	5.4
.06-.10	4.1	3.2	4.1	4.6	4.4	4.2	3.2	3.0	2.7	2.6	3.4	3.3	3.6
.11-.25	6.7	6.9	7.5	6.8	8.0	5.4	7.6	5.8	5.1	3.2	5.4	6.0	6.2
.26-.50	6.9	6.4	5.7	7.0	6.2	6.0	5.3	4.2	4.0	5.1	5.2	5.0	5.6
.51-1.00	4.5	5.0	6.0	4.6	5.5	4.5	4.6	4.1	4.0	3.4	3.7	4.2	4.5
1.01-2.50	2.0	1.9	2.7	2.0	2.9	2.9	4.1	3.9	2.1	2.8	3.3	3.2	2.8
2.51-5.00				.1	.4	.4	.3	.3	.8	.3	.3	.1	.2
5.01-10.00								.1	.1				.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	32.7	31.5	34.6	34.3	36.7	31.9	33.0	29.2	25.7	23.2	29.9	29.0	31.0
TOTAL NO. OF OBSERVATIONS	1426	1300	1426	1380	1426	1392	1425	1426	1380	1426	1380	1426	16813

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4306-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43						.56*	3.59	.36	3.75	3.92	3.07	1.51	16.76*
44	3.03	1.98	5.77	3.77	1.84	3.71	3.66	8.12	4.55	3.48	3.74	3.06	46.71
45	2.33	2.72	1.12	2.99	3.42	4.89	14.29	4.81	7.20	1.33	4.90	5.29	55.29
46	2.26	3.72	1.64	2.12	11.32	2.13	6.53	2.59	2.91	3.15	1.60	2.39	42.36
47	3.87	1.31	1.58	2.93	6.31	10.54	3.92	1.95	2.58	1.15	6.47	1.55	44.16
48	4.57	1.36	5.10	2.48	5.65	3.49	4.59	9.09	3.07	4.60	5.23	6.65	55.88
49	5.96	2.18	3.50	2.35	5.66	1.92	3.49	3.36	2.09	2.86	.47	2.02	35.86
50	1.80	2.18	4.32	1.64	5.22	2.27	6.55	2.92	9.03	2.50	2.71	3.09	44.23
51	2.62	2.11	3.07	3.79	2.63	7.62	3.73	2.07	1.47	1.85	4.19	5.33	40.48
52	4.73	2.19	4.61	7.15	3.77	2.57	4.04	7.29	5.41	.77	6.73	3.55	52.81
53	3.72	2.74	6.62	3.34	9.22	4.04	2.20	2.74	4.30	4.07	1.49	3.36	47.84
54	3.08	1.03	3.76	2.58	3.26	.98	1.99	3.29	.56	3.72	2.02	2.69	28.96
55	.27	3.67	3.66	2.46	2.25	3.46	3.34	14.18	1.30	6.61	1.50	.47	43.17
56	2.79	2.92	4.54	2.17	1.71	3.37	7.34	3.18	4.45	4.55	3.63	2.30	42.95
57	2.33	2.78	2.95	1.00	.98	5.64	.55	2.36	3.42	2.94	3.80	6.49	35.24
58	3.21	4.72	5.31	4.94	2.59	3.38	11.66	6.81	2.31	2.99	2.65	2.10	52.67
59	2.56	2.36	2.72	4.08	2.58	1.78	6.72	2.39	.81	3.41	2.44	4.10	35.95
60	3.18	3.99	2.52	3.44	5.22	.77	3.19	6.34	5.07	2.74	1.10	2.13	39.69
61	2.09	3.76	3.35	2.16	1.62	3.30	3.92	2.99	.91	2.72	1.52	2.74	31.08
62	2.07	3.71	3.92	3.60	2.87	3.06	1.08	.37	2.54	1.95	5.12	3.35	33.64
63	1.92	2.28	5.54	1.31	.95	8.90	1.43	4.47	3.70	TRACE	7.08	1.92	39.50
64	4.58	2.94	2.30	3.78	.87	.96	3.52	1.61	5.96	1.93	1.88	3.11	33.44
65	3.85	2.29	4.14	1.65	1.53	2.13	5.07	4.65	2.37	1.58	.19	.58	30.03
66	4.41	3.59	1.19	3.72	3.25	1.90	.64	1.50	6.91	4.12	2.75	2.42	36.40
67	.68	1.63	3.52	1.02	3.75	.99	4.08	7.53	.73	1.68	1.92	5.10	32.63
68	3.37	.61	5.12	1.12	4.35	5.85	2.12	4.62	3.88	3.52	3.65	2.75	40.96
69	2.24	2.65	1.95	1.86	1.61	4.22	8.29	7.56	2.56	1.36	2.07	6.85	43.22
70	1.25	2.85	3.37	6.21	3.33	2.32	5.12	2.46	1.13	2.69	6.20	3.79	40.72
71	4.18	5.38	2.65	3.12	7.71	1.89	4.21	11.95	2.95	7.26	4.15	2.41	57.86
72	2.66	6.70	2.30	4.02	6.86	8.82	2.98	1.50	2.05	3.73	6.88	5.12	53.62
73	2.57	2.86	3.70	4.35	3.19	3.49	2.55	4.94	2.66	4.82	1.24	6.66	43.03
74	3.33	1.39	5.12	2.65	4.18	4.57	.81	4.08	4.82	1.40	1.60	5.28	39.23
75	4.09	2.01	5.55	2.80	3.88	3.18	7.78	6.78	12.61	2.93	1.58	4.33	57.52

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4306-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	3.99	1.84	3.04	1.11	4.56	1.03	4.19	2.95	5.56	7.52	.89	2.82	39.50
77	1.55	.66	2.74	2.08	2.15	3.19	3.25	2.62	.85	6.83	6.09	6.08	38.09
78	8.02	.85	6.00	1.65	8.33	4.07	7.41	7.64	.88	1.87	2.40	5.19	54.31
79	7.32	6.22	3.38	3.13	2.92	5.63	6.11	5.20	10.69	6.95	3.58	.92	62.05
80	3.17	1.45	5.59	3.42	3.40	1.85	3.09	1.76	1.63	3.68	2.90	.73	32.67
81	.81	3.40	1.30	3.11	4.86	3.31	.45	2.18	2.04	3.64	.17	3.19	32.46
82	2.35	3.55	2.06	3.70	6.93	5.39	5.10	3.17	2.18	2.23	5.10	2.30	44.06
83	1.58	3.22	5.79	8.79	5.07	5.39	1.85	4.98	2.66	3.98	4.84	6.94	55.09
84	2.42	3.96	6.00	3.69	3.72	3.88	7.21	3.82	1.95	2.84	3.31	1.22	44.02
85	2.53	3.46	2.02	.18	4.02	3.18	3.91	2.16	6.18	5.05	6.14	.40	39.23
86	2.24	3.15	.99	2.35	1.02	1.76	2.96	5.48	.72	1.64	5.38	5.82	33.51
87	4.45	2.51	1.65	3.57	3.32	2.82	3.10	1.97	7.53	2.73	6.07	2.97	42.69
88	3.03	2.89	2.46	2.46	4.46	.46	5.18	2.90	2.70	2.43	5.74	1.03	35.74
89	2.54	3.45	5.67	5.48	10.61	5.38							33.13*
LEAST	.27	.61	.99	.18	.87	.46	.55	.36	.56	TRACE	.17	.40	28.96
GREATEST	8.02	6.70	6.62	8.79	11.32	10.54	14.29	14.18	12.61	7.52	7.08	6.94	62.05
MEAN	3.08	2.81	3.59	3.07	4.11	3.60	4.41	4.30	3.60	3.25	3.44	3.35	42.46
MEDIAN	2.73	2.76	3.44	2.96	3.57	3.31	3.92	3.24	2.68	2.94	3.19	3.02	40.96
SD	1.519	1.304	1.574	1.612	2.461	2.212	2.689	2.873	2.680	1.736	1.991	1.890	8.502
TOTAL OBS	1426	1300	1426	1380	1426	1392	1425	1426	1380	1426	1380	1426	16813

THE GREATEST VALUE OF 14.29 OCCURRED ON 07/45

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4306-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43						.49*	2.03	.12	2.37	2.55	1.43	1.21	2.55*
44	1.89	.56	1.04	1.41	1.01	1.60	1.20	7.05	2.30	1.46	1.86	1.25	7.05
45	.71	.79	.75	1.42	.77	1.67	2.98	2.21	3.00	.50	1.28	1.24	3.00
46	.71	1.50	.37	1.52	3.07	.59	1.77	1.21	1.42	.78	1.03	1.37	3.07
47	1.08	.73	.35	1.03	1.95	3.37	1.02	1.38	.74	1.09	2.60	.83	3.37
48	1.63	.76	1.55	1.09	1.08	1.11	1.59	2.41	.93	2.38	1.23	2.26	2.41
49	1.43	.43	.91	.59	1.31	1.03	1.74	1.17	.90	1.02	.15	.51	1.74
50	.52	.54	1.14	.93	1.33	.94	2.05	1.59	4.07	1.14	2.23	1.29	4.07
51	.85	.87	1.09	.92	1.23	2.11	.93	.95	.88	.50	1.22	1.30	2.11
52	.90	.97	1.01	1.45	.76	.79	2.03	1.92	3.61	.43	3.12	.77	3.61
53	.99	1.02	1.76	.90	2.99	1.63	1.36	1.18	3.18	2.71	.64	.96	3.18
54	1.21	.79	1.06	.80	1.72	.56	.81	1.16	.20	1.45	.53	.87	1.72
55	.15	.87	.78	.81	.65	1.47	1.96	6.40	.43	2.89	.75	.16	6.40
56	.70	.89	1.24	.74	.61	1.19	2.04	1.93	1.87	1.04	1.53	.64	2.04
57	.37	.86	.70	.35	.41	1.68	.37	1.88	.84	1.63	1.19	1.37	1.88
58	1.21	1.36	1.33	.90	.58	.97	2.81	3.16	.86	1.81	1.32	1.55	3.16
59	.78	.76	.91	1.15	.60	1.19	1.99	.97	.39	.93	1.03	1.38	1.99
60	1.18	.90	1.14	1.27	2.13	.40	.95	1.45	2.48	1.22	.43	1.08	2.48
61	.56	1.05	.90	.72	.47	.99	2.19	1.52	.35	1.49	.37	.66	2.19
62	1.12	1.15	.92	1.15	1.15	1.10	.35	.31	.82	1.63	1.34	1.11	1.63
63	.47	1.08	1.15	.40	.38	2.58	.69	3.35	1.74	TRACE	2.51	.69	3.35
64	1.21	.63	.95	.54	.51	.62	1.74	1.50	2.42	1.20	1.45	.98	2.42
65	1.25	1.27	1.42	.43	.60	1.03	1.50	1.21	.81	.89	.11	.25	1.50
66	.92	1.05	.88	1.04	1.12	.41	.24	.68	3.28	2.26	1.95	.64	3.28
67	.31	.52	.87	.36	.89	.31	1.58	1.95	.61	.79	.91	1.25	1.95
68	2.27	.35	1.44	.44	1.89	2.06	1.17	1.63	2.61	.92	1.12	.82	2.61
69	.89	.84	.39	.46	.69	1.30	2.37	2.40	1.17	.74	1.04	1.87	2.40
70	.54	.89	.89	2.67	1.02	.45	2.09	.71	.46	1.63	2.66	1.34	2.67
71	1.90	1.39	1.07	1.65	1.75	.63	1.06	4.62	1.02	2.38	1.88	1.59	4.62
72	.53	1.72	.58	1.48	1.16	3.93	.94	.51	.83	1.78	1.75	1.40	3.93
73	.76	1.43	.83	.91	.72	1.68	.93	2.14	1.16	3.04	.38	1.27	3.04
74	.66	.48	1.81	1.28	1.22	1.39	.48	1.40	1.51	.81	.48	1.89	1.89
75	.85	.73	1.35	.83	.86	.86	3.76	1.39	3.53	.92	1.04	2.18	3.76

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4306-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	1.22	.57	1.07	.70	1.50	.60	1.10	1.65	2.82	1.61	.42	1.35	2.82
77	.32	.53	1.28	.70	.80	1.36	1.33	1.52	.22	2.36	.97	3.04	3.04
78	2.00	.51	1.99	.47	2.02	.81	4.33	2.50	.49	.51	.72	1.35	4.33
79	1.85	1.64	1.14	1.28	1.15	2.01	1.99	1.35	7.1	1.57	1.61	.38	7.18
80	1.26	.35	1.15	1.19	1.01	.47	.75	.92	.57	2.09	1.14	.43	2.09
81	.42	.94	.60	.75	2.45	.90	.84	.76	1.00	1.09	.08	1.22	2.45
82	.52	.98	.76	1.00	4.59	1.72	2.27	1.52	1.03	1.58	1.77	.70	4.59
83	.58	1.95	1.40	2.17	2.27	1.55	1.04	3.24	1.06	1.41	1.01	1.56	3.24
84	1.54	1.11	1.31	.86	.69	1.52	1.93	1.58	.68	1.31	1.52	.65	1.93
85	.67	1.84	.72	.12	.73	1.21	1.35	1.27	4.40	2.30	1.91	.26	4.40
86	.81	.64	.38	.82	.64	.71	.87	1.26	.36	.46	1.03	2.34	2.34
87	1.27	1.22	.41	.78	.91	.85	1.52	.70	3.20	1.70	2.26	.62	3.20
88	1.21	.94	1.59	1.21	.90	.33	1.98	1.58	1.07	1.37	1.25	.50	1.98
89	.58	1.06	1.70	2.35	2.83	1.74							2.83*
.....													
GREATEST	2.27	1.95	1.99	2.67	4.59	3.93	4.33	7.05	7.18	3.04	3.12	3.04	7.18
.....													
TOTAL OBS	1426	1300	1426	1380	1426	1392	1425	1426	1380	1426	1380	1426	16813
.....													

THE GREATEST VALUE OF 7.18 OCCURRED ON 09/05/79

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4601-8906
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	76.2	76.9	85.9	97.1	99.9	100.0	100.0	100.0	100.0	99.5	94.4	85.0	92.9
TRACE	13.3	14.1	9.2	2.3	.1					.4	3.8	10.0	4.4
0.1-0.4	2.3	2.2	1.1	.3							.5	1.3	.6
0.5-1.4	3.6	2.3	1.3	.1							.5	1.4	.8
1.5-2.4	1.5	1.4	.7	.1							.2	1.0	.4
2.5-3.4	.7	.8	1.0	.1							.2	.5	.3
3.5-4.4	1.0	.5	.3							.1	.2	.3	.2
4.5-6.4	.8	1.0	.1								.1	.5	.2
6.5-10.4	.4	.6	.2									.2	.1
10.5-15.4	.1	.2	.1								.2		.0
15.5-25.4		.1											.0
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	10.6	9.0	4.8	.5						.1	1.8	5.0	2.6
TOTAL NO. OF OBSERVATIONS	1364	1243	1364	1320	1364	1320	1332	1333	1290	1333	1290	1333	15886

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4601-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
46	6.2	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	10.9
47	5.2	10.9	6.7	.0	.0	.0	.0	.0	.0	.0	.0	2.3	25.1
48	8.7	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	16.8
49	2.9	2.9	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.8
50	.1	.4	3.0	TRACE	.0	.0	.0	.0	.0	.0	3.0	2.9	9.4
51	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3	5.3
52	TRACE	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	4.0	2.0	8.0
53	.1	TRACE	2.8	TRACE	.0	.0	.0	.0	.0	.0	5.6	TRACE	8.5
54	18.0	.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	TRACE	.0	1.6	19.8
55	2.0	8.1	TRACE	.0	.0	.0	.0	.0	.0	.0	1.6	.4	12.1
56	9.4	TRACE	3.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.1	13.2
57	7.8	3.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	13.5	24.8
58	3.0	22.2	27.6	.0	.0	.0	.0	.0	.0	.0	TRACE	1.2	54.0
59	5.7	TRACE	TRACE	2.8	.0	.0	.0	.0	.0	.0	TRACE	5.6	14.1
60	3.8	10.4	22.4	.0	.0	.0	.0	.0	.0	.0	TRACE	9.0	45.6
61	13.1	12.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.2	3.1	30.8
62	2.2	7.2	11.0	.0	.0	.0	.0	.0	.0	.0	.4	16.4	37.2
63	3.4	1.3	.4	.0	TRACE	.0	.0	.0	.0	.0	.9	7.4	13.4
64	13.7	9.9	8.0	.5	.0	.0	.0	.0	.0	.0	TRACE	3.2	35.3
65	11.8	1.5	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.3	19.2
66	26.5	10.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.2	17.5	54.4
67	2.0	17.3	1.6	.0	.0	.0	.0	.0	.0	.0	11.1	4.3	36.3
68	1.6	1.7	3.6	.0	.0	.0	.0	.0	.0	.0	8.2	TRACE	15.1
69	.2	7.5	9.8	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3	21.8
70	6.5	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.6	14.1
71	6.4	.8	.8	.4	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.4
72	TRACE	17.6	TRACE	.4	.0	.0	.0	.0	.0	TRACE	TRACE	.0	18.0
73	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	12.1	12.1
74	TRACE	6.0	1.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.5
75	7.5	5.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	14.5
76	2.7	1.5	9.2	.0	.0	.0	.0	.0	.0	.0	2.7	2.6	18.7
77	9.5	TRACE	.0	TRACE	.0	.0	.0	.0	.0	TRACE	.2	.6	10.3
78	12.0	8.9	10.1	.0	.0	.0	.0	.0	.0	.0	1.6	TRACE	32.6
79	5.5	31.3	.4	.0	.0	.0	.0	.0	.0	3.8	.0	TRACE	41.0
80	8.7	7.5	7.7	.0	.0	.0	.0	.0	.0	.0	TRACE	.3	24.2

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4601-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	6.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.7	11.3
82	12.6	7.3	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	7.0	28.9
83	TRACE	22.8	.0	TRACE	.0	.0	.0	.0	.0	.0	2.5	TRACE	25.3
84	10.5	TRACE	4.3	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	14.8
85	14.2	TRACE	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	.6	15.0
86	3.0	15.1	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	TRACE	18.4
87	26.0	15.1	.3	TRACE	.0	.0	.0	.0	.0	.0	14.0	TRACE	55.4
88	12.7	TRACE	1.7	TRACE	.0	.0	.0	.0	.0	.0	.0	1.4	15.8
89	3.3	4.9	1.9	.0	.0	.0							10.1*
LEAST	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3
GREATEST	26.5	31.3	27.6	2.8	TRACE	.0	.0	.0	.0	3.8	14.0	17.5	55.4
MEAN	6.7	6.5	3.4	.1	TRACE	.0	.0	.0	.0	.1	1.3	3.2	21.5
MEDIAN	5.6	4.2	.6	.0	.0	.0	.0	.0	.0	.0	TRACE	1.6	16.8
SD	6.444	7.364	5.808	.518	.000	.000	.000	.000	.000	.579	3.042	4.464	13.471
TOTAL OBS	1364	1243	1364	1320	1364	1320	1332	1333	1290	1333	1290	1333	15886

THE GREATEST VALUE OF 31.3 OCCURRED ON 02/79

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4601-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
46	5.4	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.4
47	5.2	7.3	3.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	7.3
48	5.5	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.5
49	1.9	1.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.9
50	.1	.4	3.0	TRACE	.0	.0	.0	.0	.0	.0	2.6	1.9	3.0
51	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.5	2.5
52	TRACE	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	3.6	1.9	3.6
53	.1	TRACE	1.7	TRACE	.0	.0	.0	.0	.0	.0	5.4	TRACE	5.4
54	8.0	.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	TRACE	.0	1.3	8.0
55	1.5	4.4	TRACE	.0	.0	.0	.0	.0	.0	.0	1.6	.4	4.4
56	3.5	TRACE	3.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.1	3.5
57	2.0	2.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	10.4	10.4
58	1.6	13.6	10.7	.0	.0	.0	.0	.0	.0	.0	TRACE	1.1	13.6
59	3.2	TRACE	TRACE	2.8	.0	.0	.0	.0	.0	.0	TRACE	3.0	3.2
60	3.8	4.7	12.9	.0	.0	.0	.0	.0	.0	.0	TRACE	5.0	12.9
61	5.6	9.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.2	1.8	9.2
62	1.3	2.3	6.7	.0	.0	.0	.0	.0	.0	.0	.4	6.1	6.7
63	2.4	1.2	.4	.0	TRACE	.0	.0	.0	.0	.0	.7	6.0	6.0
64	9.6	6.3	3.8	.5	.0	.0	.0	.0	.0	.0	TRACE	3.2	9.6
65	5.2	1.5	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.2
66	9.7	6.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.2	6.7	9.7
67	2.0	7.1	1.3	.0	.0	.0	.0	.0	.0	.0	11.1	2.3	11.1
68	.9	1.7	2.5	.0	.0	.0	.0	.0	.0	.0	4.2	TRACE	4.2
69	.2	4.5	2.6	.0	.0	.0	.0	.0	.0	.0	TRACE	4.1	4.5
70	2.8	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.6	3.6
71	5.7	.5	.3	.4	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.7
72	TRACE	7.2	TRACE	.4	.0	.0	.0	.0	.0	TRACE	TRACE	.0	7.2
73	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	7.9	7.9
74	TRACE	4.8	1.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.8
75	6.0	4.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0
76	2.0	1.5	9.2	.0	.0	.0	.0	.0	.0	.0	2.2	1.7	9.2
77	2.6	TRACE	.0	TRACE	.0	.0	.0	.0	.0	TRACE	.2	.6	2.6
78	4.1	5.3	6.5	.0	.0	.0	.0	.0	.0	.0	1.0	TRACE	6.5
79	3.6	14.0	.4	.0	.0	.0	.0	.0	.0	3.8	.0	TRACE	14.0
80	3.5	3.5	5.2	.0	.0	.0	.0	.0	.0	.0	TRACE	.3	5.2

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4601-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	4.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.7	4.2
82	3.1	3.9	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	5.0	5.0
83	TRACE	19.6	.0	TRACE	.0	.0	.0	.0	.0	.0	2.5	TRACE	19.6
84	5.0	TRACE	3.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.0
85	4.7	TRACE	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	.6	4.7
86	1.8	5.3	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	TRACE	5.3
87	13.6	8.8	.3	TRACE	.0	.0	.0	.0	.0	.0	14.0	TRACE	14.0
88	4.3	TRACE	1.7	TRACE	.0	.0	.0	.0	.0	.0	.0	1.4	4.3
89	1.3	2.0	1.2	.0	.0	.0							2.0*
.....													
GREATEST	13.6	19.6	12.9	2.8	TRACE	.0	.0	.0	.0	3.8	14.0	10.4	19.6
.....													
TOTAL OBS	1364	1243	1364	1320	1364	1320	1332	1333	1290	1333	1290	1333	15886
.....													

THE GREATEST VALUE OF 19.6 OCCURRED ON 02/11/83

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4306-8906
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	72.9	77.5	92.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	98.0	87.9	94.1
TRACE	6.5	5.2	2.7	.3							1.1	4.4	1.7
1	6.1	3.7	1.3								.2	2.6	1.1
2	4.3	4.5	1.3	.1							.4	1.8	1.0
3	2.6	2.5	.8								.1	.5	.5
4-6	5.1	3.7	1.1								.2	2.0	1.0
7-12	2.0	1.8	.6								.1	.8	.4
13-24	.5	1.0											.1
25-36		.1											.0
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	20.6	17.3	5.2	.1							.9	7.6	4.3
TOTAL NO. OF OBSERVATIONS	1426	1300	1426	1379	1426	1392	1425	1426	1380	1426	1380	1426	16812

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4306-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43						0*	0	0	0	0	0	0	0*
44	4	2	1	0	0	0	0	0	0	0	0	2	4
45	2	2	0	0	0	0	0	0	0	0	0	6	6
46	6	4	0	0	0	0	0	0	0	0	0	1	6
47	4	9	3	0	0	0	0	0	0	0	0	3	9
48	5	5	0	0	0	0	0	0	0	0	0	2	5
49	1	2	TRACE	0	0	0	0	0	0	0	0	0	2
50	TRACE	0	3	0	0	0	0	0	0	0	3	2	3
51	TRACE	2	TRACE	0	0	0	0	0	0	0	0	TRACE	2
52	TRACE	0	2	0	0	0	0	0	0	0	2	2	2
53	1	0	2	0	0	0	0	0	0	0	5	0	5
54	8	TRACE	TRACE	0	0	0	0	0	0	0	0	0	8
55	2	2	0	0	0	0	0	0	0	0	2	TRACE	2
56	4	0	3	0	0	0	0	0	0	0	0	TRACE	4
57	5	2	0	TRACE	0	0	0	0	0	0	0	9	9
58	1	16	10	0	0	0	0	0	0	0	0	TRACE	16
59	2	0	0	TRACE	0	0	0	0	0	0	0	TRACE	2
60	TRACE	5	10	0	0	0	0	0	0	0	0	9	10
61	9	6	0	0	0	0	0	0	0	0	1	1	9
62	1	2	9	0	0	0	0	0	0	0	TRACE	7	9
63	5	3	0	0	0	0	0	0	0	0	TRACE	5	5
64	10	7	3	2	0	0	0	0	0	0	0	1	10
65	4	2	4	0	0	0	0	0	0	0	0	0	4
66	24	23	0	0	0	0	0	0	0	0	0	8	24
67	2	10	1	0	0	0	0	0	0	0	0	9	10
68	2	0	3	0	0	0	0	0	0	0	1	0	3
69	TRACE	1	3	0	0	0	0	0	0	0	0	2	3
70	4	3	0	0	0	0	0	0	0	0	0	0	4
71	8	TRACE	TRACE	0	0	0	0	0	0	0	0	0	8
72	0	4	0	0	0	0	0	0	0	0	0	0	4
73	0	0	0	0	0	0	0	0	0	0	0	10	10
74	0	4	0	0	0	0	0	0	0	0	0	0	4
75	6	2	0	0	0	0	0	0	0	0	0	TRACE	6

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4306-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	1	1	6	0	0	0	0	0	0	0	2	2	6
77	5	TRACE	0	0	0	0	0	0	0	0	TRACE	0	5
78	7	5	5	0	0	0	0	0	0	0	2	0	7
79	2	25	TRACE	0	0	0	0	0	0	0	0	0	25
80	6	4	7	0	0	0	0	0	0	0	0	TRACE	7
81	3	0	0	0	0	0	0	0	0	0	0	3	3
82	7	3	0	TRACE	0	0	0	0	0	0	0	5	7
83	0	19	0	0	0	0	0	0	0	0	0	TRACE	19
84	6	0	2	0	0	0	0	0	0	0	0	0	6
85	3	1	0	TRACE	0	0	0	0	0	0	0	1	3
86	2	4	1	0	0	0	0	0	0	0	0	0	4
87	20	13	1	0	0	0	0	0	0	0	11	0	20
88	8	TRACE	1	0	0	0	0	0	0	0	0	0	8
89	1	TRACE	2	0	0	0							2*
GREATEST	24	25	10	2	0	0	0	0	0	0	11	10	25
TOTAL OBS	1426	1300	1426	1379	1426	1392	1425	1426	1380	1426	1380	1426	16812

THE GREATEST VALUE OF 25 OCCURRED ON 02/20/79

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD

PERIOD OF RECORD: 4306-8906
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
43 - 44			JAN 16			MAR 01
44 - 45			DEC 22			FEB 18
45 - 46	JAN 17	JAN 20	DEC 11	FEB 11	FEB 11	FEB 13
46 - 47	DEC 01	DEC 18	DEC 18	MAR 28	MAR 28	MAR 04
47 - 48	DEC 25	DEC 26	DEC 26	FEB 22	FEB 22	FEB 25
48 - 49	DEC 19	DEC 19	DEC 19	MAR 18	FEB 28	FEB 28
49 - 50	NOV 18	JAN 19	MAR 17	APR 13	MAR 16	MAR 17
50 - 51	NOV 11	NOV 25	NOV 26	MAR 26	FEB 07	FEB 11
51 - 52	NOV 03	DEC 14	MAR 01	MAR 09	MAR 01	MAR 01
52 - 53	NOV 29	NOV 29	NOV 30	APR 21	MAR 08	MAR 08
53 - 54	NOV 06	NOV 06	NOV 07	MAY 10	FEB 08	JAN 26
54 - 55	OCT 30	DEC 05	JAN 13	MAR 26	FEB 24	FEB 25
55 - 56	NOV 19	NOV 19	NOV 19	APR 18	MAR 19	MAR 20
56 - 57	NOV 22	DEC 27	JAN 07	APR 13	FEB 19	FEB 20
57 - 58	NOV 23	DEC 03	DEC 04	MAR 24	MAR 21	MAR 23
58 - 59	NOV 28	DEC 03	JAN 17	APR 13	APR 12	JAN 28
59 - 60	NOV 25	DEC 21	FEB 14	MAR 26	MAR 26	MAR 18
60 - 61	NOV 07	DEC 11	DEC 12	APR 18	FEB 12	FEB 18
61 - 62	NOV 19	NOV 19	NOV 20	MAR 09	MAR 09	MAR 11
62 - 63	NOV 05	NOV 05	DEC 22	MAY 01	MAR 11	FEB 05
63 - 64	NOV 29	NOV 29	DEC 19	APR 01	APR 01	APR 01
64 - 65	NOV 30	DEC 20	DEC 20	MAR 20	MAR 20	MAR 21
65 - 66	DEC 06	DEC 21	JAN 23	APR 13	FEB 24	FEB 25
66 - 67	NOV 29	NOV 29	DEC 14	MAR 23	MAR 21	MAR 21
67 - 68	NOV 07	NOV 30	DEC 01	MAR 23	MAR 12	MAR 12
68 - 69	NOV 10	NOV 10	NOV 13	MAR 30	MAR 09	MAR 07
69 - 70	NOV 29	DEC 07	DEC 26	MAR 29	FEB 14	FEB 17
70 - 71	NOV 04	DEC 21	JAN 01	APR 07	APR 07	JAN 06
71 - 72	NOV 24	FEB 02	FEB 02	APR 08	APR 07	FEB 24
72 - 73	OCT 19			APR 12		
73 - 74	DEC 11	DEC 16	DEC 17	APR 09	MAR 11	FEB 12
74 - 75	NOV 28	JAN 06	JAN 13	MAR 16	MAR 10	FEB 06
75 - 76	DEC 08	JAN 01	JAN 01	MAR 12	MAR 09	MAR 11

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD

PERIOD OF RECORD: 4306-8906

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
76 - 77	NOV 08	NOV 12	NOV 12	APR 06	JAN 24	JAN 30
77 - 78	OCT 16	NOV 27	JAN 13	MAR 25	MAR 08	MAR 10
78 - 79	NOV 26	NOV 26	NOV 27	MAR 15	MAR 11	FEB 25
79 - 80	OCT 10	OCT 10	JAN 05	MAR 22	MAR 14	MAR 04
80 - 81	NOV 16	DEC 31	JAN 01	MAR 21	JAN 15	JAN 17
81 - 82	NOV 24	DEC 15	DEC 16	APR 09	APR 09	FEB 28
82 - 83	DEC 12	DEC 12	DEC 12	APR 20	FEB 11	FEB 18
83 - 84	NOV 15	NOV 25	JAN 11	APR 22	MAR 29	MAR 09
84 - 85	NOV 18	JAN 05	JAN 05	APR 09	APR 09	FEB 01
85 - 86	DEC 05	DEC 20	DEC 21	APR 23	APR 11	MAR 01
86 - 87	DEC 11	JAN 02	JAN 22	APR 06	MAR 10	MAR 10
87 - 88	NOV 10	NOV 11	NOV 11	APR 16	MAR 21	MAR 21
88 - 89	DEC 09	DEC 09	JAN 04	MAR 31	MAR 07	MAR 08
MEDIAN-DATE	NOV 23	DEC 11	DEC 22	MAR 31	MAR 10	FEB 28

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4601-5410,5601-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
46	NW *44	W 52	WSW 49	NW *43	SSW 47	S 44	ESE 36	W 32	*	*	WNW*35	WNW 43	W *52
47	W 52	W 48	WSW 56	SW 51	SSW 60	WNW 49	WSW 35	NW 26	SSW 33	S 27	WNW 47	WNW 49	SSW 60
48	WNW 39	SSW 44	SSW 44	WNW 46	N 39	SW 49	SW 36	NW 56	WNW 29	NNE 36	WNW 45	NNW 46	NW 56
49	WNW 45	NNW 51	NNW 49	WSW 44	S 43	ESE 28	S 30	ESE 60	WNW 32	NW 32	NW 37	WNW 44	ESE 60
50	WNW 46	W 45	W 51	SSW 45	WSW 42	SW 36	ESE 45	NNE 26	WNW 26	W 38	SSW*54	SE *40	SSW*54
51	NW 44	WNW 43	NNW 45	N *35	WSW 36	E *37	W *43	SW *16	*	*	NW *42	WNW*45	NNW*45
52	NW *43	NW 48	NNW 52	SSW*48	WNW*45	NNE 33	WNW*22	N 35	SSW 27	NW 43	ESE 43	E *35	WNW*52
53	WNW*38	*	*	*	N *70	S 43	*	*	*	*	*	*	N *70
54	*	*	*	*	*	*	SSW*24	S 37	NW *46	NW *36			NW *46
56	WNW*47	W 60	NW 39	NW *47	NW 45	NW 42	NW 36	WNW 39	NW 59	N 31	NW 47	WNW 42	W *60
57	WNW 48	WNW 35	NW 37	WNW 52	SW 46	SSE 34	WNW 30	WNW 30	WNW 40	NE 43	SSW 38	SSE 49	WNW 52
58	NW 41	WNW 45	WNW 39	NW *36	SSE 33	WNW 49	WSW 49	SW *24	NE *27	NE 39	NNW 48	WNW 45	WNW*49
59	NW 54	WNW 50	SW 53	W 46	ESE 33	WNW 40	SW 42	NE 30	NNW 31	W 40	NW 42	SW 43	NW 54
60	W 49	WNW 62	WNW 53	W 49	SSE 30	NW 33	SSE 30	SW 43	NNW 34	WNW 42	W 43	WNW 49	WNW 62
61	NW 48	NW 54	NW 44	W 45	W 65	WNW 43	WSW 34	SW 28	WNW 28	NW 30	NW 38	WNW 44	W 65
62	SW 42	NW 34	ENE 45	WNW 33	WNW 38	NNW 37	NW 40	SSW 38	WNW 26	NW 27	ESE 40	NW 42	ENE 45
63	WNW 46	N 34	WNW 35	WNW 54	WNW 38	WNW 35	W 43	N 38	WSW 30	NW 36	WNW 44	NW 39	WNW 54
64	WNW 41	NW 52	SSW 44	NNW 36	W 32	NW 31	NNW 27	E 26	WSW 25	NE 30	NNW 31	NW 44	NW 52
65	NW 48	NNW 42	NW 40	WNW 44	NW 27	NW 37	NW 61	N 44	SSW 30	ESE 33	WNW 46	NW 38	NW 61
66	WNW 50	WNW*45	WNW 45	WNW 34	SW 47	WSW 38	NNE 33	WNW 36	E 36	NNW 40	WNW 39	NW 35	WNW*50
67	NW 47	NW 49	NW 48	NW 41	NW 41	N 26	NW 38	WNW 30	SE 30	NW 38	WNW 43	NW 40	NW 49
68	WNW 46	NW 45	NW 54	NNW 46	NW 36	W *33	34/*37	01/ 46	33/ 26	29/ 33	01/ 41	31/ 47	NW *54
69	30/*37	32/ 55	30/*44	22/ 43	21/ 42	16/ 34	30/ 74	32/ 40	31/ 42	32/ 47	33/ 52	31/ 57	30/*74
70	31/ 59	16/ 47	19/ 44	23/ 50	23/ 42	27/ 46	29/ 49	26/ 38	32/ 42	21/ 33	34/ 42	32/ 55	31/ 59
71	31/ 60	31/ 42	30/ 60	32/ 52	21/ 39	34/ 53	35/ 58	24/ 32	25/ 42	31/ 33	34/ 46	30/ 56	31/ 60
72	33/ 39	31/ 50	27/ 69	28/ 38	06/ 34	33/ 40	31/ 30	34/ 27	30/ 38	33/ 40	29/ 49	31/ 48	27/ 69
73	30/ 46	30/ 44	22/ 52	29/ 44	31/ 36	33/ 32	29/ 26	15/ 48	16/*23	13/ 31	29/ 46	24/ 45	22/*52
74	29/ 36	29/ 48	28/ 41	28/ 39	32/ 40	20/ 35	32/*32	18/ 35	30/ 35	34/ 27	28/ 33	32/ 48	29/*48
75	32/ 48	23/ 38	30/ 40	30/ 52	34/ 35	31/ 31	28/ 36	23/ 40	29/ 27	28/ 28	20/ 30	14/ 32	30/ 52
76	31/ 40	30/ 48	32/ 50	30/ 35	30/ 34	17/ 34	31/ 46	34/ 42	33/ 27	18/ 39	32/ 32	31/ 40	32/ 50
77	31/ 46	30/ 38	29/ 43	31/ 32	35/ 42	31/ 35	31/ 40	25/ 38	33/ 26	31/ 42	33/ 35	32/ 37	31/ 46
78	23/ 55	32/ 36	26/ 50	33/ 43	09/ 36	35/ 64	36/ 34	34/ 32	33/ 25	31/ 29	31/ 31	30/ 46	35/ 64
79	32/ 42	31/ 41	13/ 32	31/ 41	27/ 34	33/ 24	32/*35	20/ 42	15/ 39	23/ 43	25/ 38	31/ 40	23/*43
80	32/ 39	32/ 37	30/ 46	32/ 39	35/*29	31/*30	24/ 56	28/ 42	31/ 30	27/ 38	33/ 37	29/ 41	24/*56

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4601-5410,5601-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
81	33/ 35	30/ 48	28/ 44	30/ 37	30/ 48	26/ 28	03/ 32	34/ 25	35/ 30	29/ 35	28/ 34	32/ 35	30/ 48
82	30/ 42	26/ 35	33/ 29	30/ 51	27/ 28	32/ 34	30/ 24	32/ 29	10/ 22	31/ 28	34/ 37	17/ 27	30/ 51
83	31/ 36	32/ 33	32/ 38	30/ 36	31/ 42	29/ 27	23/ 27	30/ 50	30/ 27	23/ 25	31/ 32	29/ 41	30/ 50
84	33/ 33	29/ 36	22/ 39	30/ 40	33/ 38	30/ 36	22/ 30	36/ 32	24/ 40	23/ 26	31/ 33	30/ 37	30/ 40
85	31/ 42	31/ 43	31/ 48	22/ 37	30/ 42	31/ 28	34/ 42	23/ 22	30/ 36	33/ 36	10/ 35	30/ 39	31/ 48
86	32/ 39	33/ 30	31/ 39	32/ 31	31/ 30	34/ 46	29/ 43	23/ 39	22/ 25	31/ 34	32/ 37	32/ 25	34/ 46
87	32/ 41	32/ 40	23/ 35	22/ 36	34/ 24	26/ 28	20/ 25	29/ 45	05/ 24	34/ 28	30/ 39	33/ 35	29/ 45
88	32/ 30	30/ 35	30/ 43	35/ 35	27/ 41	32/ 29	05/ 36	35/ 39	22/ 25	29/ 27	24/ 30	30/ 47	30/ 47
89	33/ 35	29/ 28	33/ 33	33/ 38	30/ 31	36/ 38							33/*38

GREATEST 31/ 60 WNW 62 27/ 69 WNW 54 N 70 35/ 64 30/ 74 ESE 60 NW 59 32/ 47 SSW 54 31/ 57 30/ 74

TOTAL OBS 1251 1147 1253 1164 1250 1224 1165 1252 1123 1187 1161 1202 14379

THE PEAK WIND OF 74 FROM 30/ OCCURRED ON 07/05/69

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4601-5410,5601-8906
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN MEDIAN		TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	WIND	WIND	
JAN	.1	6.0	18.1	20.0	19.8	12.5	11.1	6.6	5.1	.7	.0	22.3	21.0	1251
FEB	.3	3.8	16.4	21.4	17.8	15.1	11.0	6.8	6.1	1.2	.0	23.1	22.0	1147
MAR	.9	1.7	12.9	20.6	24.2	14.6	10.8	7.2	6.0	1.1	.1	23.7	22.0	1253
APR	.0	1.3	10.8	24.3	23.1	17.1	12.7	6.4	3.6	.7	.0	23.5	22.0	1164
MAY	.0	2.5	20.9	29.2	23.3	12.6	7.3	2.3	1.8	.1	.2	20.2	19.0	1250
JUN	.2	3.3	28.3	32.8	19.0	8.3	4.8	1.7	1.3	.2	.0	18.4	17.0	1224
JUL	.2	3.9	31.0	35.7	17.2	4.8	3.9	1.9	1.2	.3	.1	17.7	16.0	1165
AUG	.1	6.5	35.5	31.5	15.9	4.6	3.0	1.5	1.1	.2	.0	16.8	16.0	1252
SEP	.0	7.7	35.2	32.8	15.6	5.3	1.9	.6	.8	.1	.0	16.4	15.0	1123
OCT	.0	6.4	30.7	28.3	18.5	8.7	4.5	1.9	.8	.0	.0	17.8	16.0	1187
NOV	.1	5.9	22.0	23.9	18.7	12.3	9.3	4.0	3.7	.2	.0	20.7	19.0	1161
DEC	.2	6.9	20.0	21.2	18.4	14.2	9.3	5.4	3.9	.5	.0	21.3	20.0	1202
ANNUAL	.2	4.6	23.5	26.8	19.3	10.9	7.5	3.9	3.0	.4	.0	20.2	18.0	14379

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	3.9	1.4	.2								9.9	5.9	5.0
020-040	2.5	1.7	.4									4.6	5.1	4.0
050-070	2.2	1.1	.4									3.7	4.8	4.0
(E) 080-100	1.6	.5	.3									2.5	4.3	3.0
110-130	2.0	.4										2.5	3.2	3.0
140-160	2.2	1.6	.1									3.9	4.6	4.0
(S) 170-190	2.3	2.7	.1									5.1	4.8	5.0
200-220	2.3	3.0	1.5	.1								6.9	6.5	6.0
230-250	2.8	2.8	1.2									6.8	6.0	5.0
(W) 260-280	1.9	2.4	.8	.2	.1							5.4	6.7	6.0
290-310	2.3	4.8	5.6	2.4	.9							15.9	10.4	10.0
320-340	3.4	7.6	4.5	1.2								16.8	8.1	8.0
VARIABLE														
CALM	////////////////////////////////////											16.2	////////////////////////////////	
TOTALS	29.9	32.5	16.3	4.1	1.0							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN NOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	5.1	1.0	.3								11.2	5.7	5.0
020-040	2.5	2.2	.4									5.1	5.2	5.0
050-070	1.7	1.4	.4									3.5	5.4	5.0
(E) 080-100	.8	.6										1.4	4.3	4.0
110-130	1.0	.5										1.5	4.0	3.5
140-160	1.5	.6	.3									2.5	4.7	4.0
(S) 170-190	3.4	2.5										5.9	4.1	4.0
200-220	3.8	2.8	1.1									7.6	5.8	5.0
230-250	3.8	2.5	.8									7.0	5.0	4.0
(W) 260-280	2.5	2.4	1.0									5.8	6.0	5.0
290-310	1.5	4.6	6.5	2.3	.5	.1						15.5	10.5	10.0
320-340	3.5	5.7	4.9	.6	.3							15.2	8.5	8.0
VARIABLE														
CALM	////////////////////											17.8	////////	
TOTALS	30.8	30.9	16.4	3.2	.8	.1						100.0	5.6	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	4.8	1.4	.5								11.5	6.1	6.0
020-040	2.5	1.6	.2									4.3	5.0	4.0
050-070	2.7	1.6	.5									4.8	5.1	4.0
(E) 080-100	1.1	.8	.2									2.0	5.5	4.0
110-130	1.4	.4										1.8	3.7	3.0
140-160	2.5	.8	.1									3.3	3.8	3.0
(S) 170-190	3.9	1.8	.2									5.9	4.3	4.0
200-220	3.9	3.1	.6	.2								7.8	5.3	5.0
230-250	3.1	3.5	.4									7.1	5.3	5.5
(W) 260-280	3.2	2.6	1.3	.3								7.4	6.3	6.0
290-310	2.0	5.7	3.9	1.3	.9							13.8	9.6	9.0
320-340	3.5	7.0	4.1	.8	.4							15.8	8.0	8.0
VARIABLE														
CALM	////////////////////////////////////											14.3	////////	
TOTALS	34.5	33.7	12.9	3.1	1.3							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	5.3	2.7	.4								11.4	7.3	8.0
020-040	2.5	2.8	.4									5.7	5.5	5.0
050-070	1.8	3.2	.1									5.2	5.3	5.0
(E) 080-100	1.3	.6										1.9	4.5	4.0
110-130	.8	1.3										2.0	4.6	5.0
140-160	1.3	1.7	.1									3.1	5.1	5.0
(S) 170-190	1.4	2.4	.6									4.4	6.1	6.0
200-220	3.5	4.6	2.0	.2								10.4	6.5	6.0
230-250	3.9	5.4	1.3	.2								10.8	5.9	5.0
(W) 260-80	1.7	4.1	2.3	.1								8.2	7.5	7.0
290-310	1.7	3.5	6.6	2.3	1.4	.3						15.8	11.5	11.0
320-340	1.8	4.1	7.0	1.3	.3							14.5	10.0	10.0
VARIABLE														
CALM	////////////////////////////////////											6.6	////////	
TOTALS	24.7	39.0	23.1	4.5	1.7	.3						100.0	7.2	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	3.9	1.9	.4								7.6	7.7	7.0
020-040	2.5	3.8	.2									6.5	5.3	5.0
050-070	1.5	2.3	.2									4.0	5.2	5.0
(E) 080-100	1.2	.5										1.7	4.0	4.0
110-130	1.0	1.1	.1									2.2	5.1	5.5
140-160	1.2	1.1	.1									2.4	4.9	4.5
(S) 170-190	1.3	2.7	.4									4.4	6.0	6.0
200-220	2.5	4.3	2.9	.4								10.1	7.8	8.0
230-250	2.9	4.8	2.7	.2								10.6	7.2	7.0
(W) 260-280	1.4	4.3	1.9	.4								8.1	7.8	7.0
290-310	1.5	5.7	8.2	3.4	1.6	.2						20.6	11.6	11.5
320-340	2.4	5.3	6.0	1.9	1.1	.3						17.0	10.6	10.0
VARIABLE														
CALM	////////////////////////////////////											4.8	////////////////////////////////	
TOTALS	20.8	39.8	24.6	6.7	2.7	.5						100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.7	3.7	1.5	.1	.1	.1						8.2	6.9	6.0
020-040	1.8	2.6	.2									4.6	5.3	5.0
050-070	2.4	2.3	.1									4.7	5.0	4.5
(E) 080-100	1.9	1.6	.1									3.7	4.3	4.0
110-130	1.6	2.0	.1									3.8	5.2	5.0
140-160	1.6	.9										2.5	3.8	3.0
(S) 170-190	2.4	2.7	.9	.1								6.0	5.8	5.0
200-220	2.5	4.2	2.2	.2								9.0	6.9	6.0
230-250	3.0	2.5	.9	.2								6.6	5.8	5.0
(W) 260-280	2.7	2.9	1.0	.3	.3							7.2	7.1	6.0
290-310	2.9	5.5	7.4	4.3	1.5	.1						21.7	11.1	11.0
320-340	2.8	5.3	5.4	1.3	1.0							15.7	9.6	9.0
VARIABLE														
CALM	////////////////////////////////////											6.3	////////////////////////////////	
TOTALS	28.3	36.2	19.8	6.5	2.9	.2						100.0	7.3	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	3.3	1.1									8.0	5.6	5.0
020-040	1.7	2.3	.6									4.6	5.7	5.0
050-070	3.3	1.2	.1									4.6	3.9	4.0
(E) 080-100	2.3	.9										3.1	3.7	4.0
110-130	3.4	1.9										5.4	4.0	4.0
140-160	2.4	1.6	.2									4.2	4.7	4.0
(S) 170-190	4.5	2.2	.3									7.0	4.4	4.0
200-220	2.0	2.6	1.4	.1								6.1	6.6	7.0
230-250	2.5	.9	.1	.1								3.5	4.6	4.0
(W) 260-280	2.6	1.8	.9	.1	.1							5.5	6.0	5.0
290-310	2.2	4.6	5.1	2.6	1.3							15.7	10.8	10.0
320-340	3.0	5.1	5.3	1.8	.2							15.4	9.2	9.0
VARIABLE														
CALM	////////////////////////////////////											16.9	////////////////////////////////	
TOTALS	33.4	28.4	15.1	4.7	1.6							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.8	4.1	.6	.1								9.7	5.2	4.5
020-040	2.0	1.9	.9									4.8	5.6	5.0
050-070	1.8	1.5	.3									3.7	5.3	4.5
(E) 080-100	1.7	1.1										2.8	4.1	4.0
110-130	1.8	.6										2.5	3.8	4.0
140-160	2.4	1.9	.2									4.5	4.7	4.0
(S) 170-190	4.2	1.7	.4									6.3	4.7	4.0
200-220	2.5	3.4	1.2	.2								7.3	6.6	6.5
230-250	2.4	1.5	1.1	.1								5.1	6.1	5.0
(W) 260-280	2.0	2.3	1.2	.2								5.7	6.5	6.0
290-310	1.9	3.8	5.7	2.8	1.4							15.6	11.2	11.0
320-340	2.9	6.1	5.5	1.3	.2							16.0	9.0	8.0
VARIABLE														
CALM	////////////////////////////////////											16.0	////////////////////////////////	
TOTALS	30.4	29.9	17.1	4.7	1.6							100.0	6.0	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N)	350-010	3.7	4.2	1.5	.3	.0	.0						9.7	6.3	6.0
	020-040	2.2	2.4	.4									5.0	5.4	5.0
	050-070	2.2	1.8	.3									4.3	5.0	4.0
(E)	080-100	1.5	.8	.1									2.4	4.3	4.0
	110-130	1.6	1.0	.0									2.7	4.2	4.0
	140-160	1.9	1.3	.1									3.3	4.5	4.0
(S)	170-190	2.9	2.3	.4	.0								5.6	5.0	4.0
	200-220	2.9	3.5	1.6	.2								8.2	6.6	6.0
	230-250	3.0	3.0	1.0	.1								7.2	5.9	5.0
(W)	260-280	2.3	2.8	1.3	.2	.1							6.7	6.8	6.0
	290-310	2.0	4.8	6.1	2.7	1.2	.1						16.8	10.9	10.0
	320-340	2.9	5.8	5.3	1.3	.4	.0						15.8	9.1	9.0
VARIABLE															
CALM		////////////////////////////////////										12.4	////////		
TOTALS		29.1	33.7	18.1	4.8	1.7	.1						100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	5.8	7.4	3.4	1.0							17.6	6.9	6.0
020-040	4.3	8.6	1.7								14.6	6.0	6.0
050-070	2.6	4.7	1.3								8.6	6.4	7.0
(E) 080-100	1.3	1.5	.5								3.4	5.9	6.0
110-130	.9	1.6	.1								2.6	5.0	5.0
140-160	.9	1.7	.7								3.3	6.9	7.5
(S) 170-190	.8	1.2	.4	.1							2.5	6.9	6.0
200-220	1.6	2.9	2.1	.2							6.9	7.8	8.0
230-250	3.7	2.6	1.4	.1							7.9	5.6	5.0
(W) 260-280	2.5	1.6	.4								4.6	4.9	4.0
290-310	2.2	2.7	.9	.5	.5	.1					7.0	8.1	6.0
320-340	3.8	6.0	2.4	.7	.1						13.0	7.2	6.0
VARIABLE													
CALM	////////////////////////////////////										8.2	////////////////////////////////	
TOTALS	30.4	42.5	15.3	2.6	.6	.1					100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 917

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	3.9	1.5	.1								9.7	5.7	5.0
020-040	2.9	2.4	.7									6.0	5.9	5.0
050-070	2.5	.9	.6									4.0	4.8	4.0
(E) 080-100	1.6	1.3	.1									3.1	4.3	4.0
110-130	2.0	.8	.2									3.1	4.4	3.0
140-160	1.3	1.2	.5		.1							3.1	5.9	5.0
(S) 170-190	5.8	2.0	.8									8.6	4.5	4.0
200-220	2.0	3.2	1.6	.2								7.1	7.0	6.5
230-250	.9	.7	.6		.1							2.4	6.9	5.0
(W) 260-280	.8	1.4	.5	.1								2.8	6.4	5.5
290-310	.9	5.2	5.7	1.9	1.2							14.8	10.9	10.0
320-340	2.9	5.5	5.4	1.2	.1		.1					15.3	8.8	9.0
VARIABLE														
CALM	////////////////////											20.1	////////	
TOTALS	27.7	28.5	18.2	3.5	1.5		.1					100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.7	8.2	1.6	.4								13.9	6.4	6.0
020-040	4.5	2.6	.7									7.8	5.1	4.0
050-070	2.9	1.2	.4									4.5	4.7	4.0
(E) 080-100	1.3	.5	.5									2.2	5.1	4.0
110-130	1.9	.2	.1									2.2	3.5	2.0
140-160	.8	.2	.2	.5	.1							1.9	9.2	7.5
(S) 170-190	4.1	1.6	.5									6.2	4.5	4.0
200-220	2.8	3.4	2.2	.4								8.8	6.8	6.0
230-250	1.3	1.4	.5									3.2	5.4	5.0
(W) 260-280	1.3	.6		.2								2.1	5.4	4.0
290-310	1.5	5.8	6.7	1.8	.7							16.5	10.2	10.0
320-340	1.8	4.9	4.7	.6	.4							12.4	9.1	9.0
VARIABLE														
CALM	////////////////////////////////////											18.3	////////////////////////////////	
TOTALS	27.9	30.6	18.1	3.9	1.2							100.0	5.8	6.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	6.0	1.2	.6								12.2	6.3	6.0
020-040	3.3	3.9	1.3	.1								8.6	6.2	6.0
050-070	3.1	2.0	.5	.2								5.8	5.3	4.0
(E) 080-100	2.2	1.2	.1									3.5	4.0	3.5
110-130	1.2	.4	.2									1.8	4.3	4.0
140-160	1.3	.7	.2	.1								2.4	5.4	4.0
(S) 170-190	2.8	2.4	.1	.2								5.5	5.2	4.0
200-220	4.0	3.5	1.8	.2								9.5	6.2	6.0
230-250	2.5	1.5		.1	.1							4.2	5.1	4.0
(W) 260-280	1.2	1.2	.9	.4								3.7	7.7	6.0
290-310	1.2	4.4	6.0	1.9	.4							13.8	10.3	10.0
320-340	2.0	4.4	5.3	.9	.1	.1						12.8	9.4	10.0
VARIABLE														
CALM	////////////////////////////////////											16.1	////////	
TOTALS	29.3	31.6	17.6	4.7	.6	.1						100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	4.9	3.3	.7	.1							11.0	8.4	8.0
020-040	1.4	4.9	.8	.5								7.7	7.0	6.0
050-070	3.8	4.6	.6									9.0	5.3	5.0
(E) 080-100	1.4	2.2	.1									3.8	5.0	5.0
110-130	1.9	.8	.1	.2								3.1	5.2	4.0
140-160	2.8	.9	.7	.2								4.7	5.4	4.0
(S) 170-190	1.8	2.0	.7		.1							4.6	6.0	6.0
200-220	1.3	3.9	3.4	.2								8.8	8.3	8.0
230-250	2.1	3.8	1.4	.7								8.0	7.3	6.0
(W) 260-280	.9	2.5	.4	.2	.1							4.1	7.3	7.0
290-310	.7	4.2	5.4	3.3	.5							14.1	11.6	11.0
320-340	1.4	5.2	5.4	3.1	1.1	.5						16.6	11.6	11.0
VARIABLE														
CALM	////////////////////											4.6	////////	
TOTALS	21.4	39.9	22.3	9.1	1.9	.5						100.0	8.0	7.5
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	3.4	2.4	.7								8.5	7.9	8.0
020-040	2.7	2.7	1.6	.1								7.2	6.2	6.0
050-070	2.4	2.6	.5		.1							5.5	6.0	5.0
(E) 080-100	1.5	2.5	.4									4.4	5.3	5.0
110-130	1.3	1.6	.5		.1							3.5	6.8	6.0
140-160	1.4	.9	1.1	.4								3.8	7.7	7.0
(S) 170-190	1.8	2.2	.6	.7								5.3	7.6	7.0
200-220	1.8	3.9	2.6	.8								9.1	8.3	8.0
230-250	2.0	3.8	2.7	.2								8.7	7.5	7.5
(W) 260-280	.9	2.1	1.2	.4								4.6	8.1	8.0
290-310	.5	4.8	9.8	3.2	1.2	.4						19.8	12.0	12.0
320-340	2.2	4.0	6.7	1.8	.8	.4						15.9	10.7	10.0
VARIABLE														
CALM	////////////////////////////////////											3.8	////////	
TOTALS	20.5	34.5	30.1	8.3	2.2	.8						100.0	8.5	8.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	3.9	2.4	.5								9.3	7.5	7.0
020-040	1.5	1.6	.6	.1								3.9	6.2	6.0
050-070	3.2	2.4	.5	.1								6.1	5.0	4.0
(E) 080-100	3.1	2.7	.1									5.9	4.6	4.0
110-130	2.9	2.9	.4	.2								6.5	5.5	5.0
140-160	1.1	1.4	.8									3.3	6.9	6.0
(S) 170-190	1.4	2.2	.7	.2								4.6	6.3	6.0
200-220	2.7	3.7	1.8	.4								8.5	7.1	7.0
230-250	1.6	5.2	1.2	.5								8.5	7.0	6.0
(W) 260-280	1.5	2.8	.9	.1	.1							5.5	7.1	6.0
290-310	1.4	4.9	2.4	2.8	1.5	.2						18.4	11.4	11.0
320-340	1.1	4.4	6.4	1.8	.9	.1						14.6	11.1	10.0
VARIABLE														
CALM	////////////////////////////////////											4.9	////////////////////////////////	
TOTALS	24.1	38.1	23.2	6.7	2.5	.3						100.0	7.7	7.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.2	5.8	2.0		.1							11.1	6.7	6.5
020-040	1.8	2.0	.1	.4								4.2	5.9	5.0
050-070	2.4	2.1	.2									4.7	4.7	4.5
(E) 080-100	6.6	2.4	.2									9.2	3.8	3.5
110-130	5.5	1.1	.2									6.8	3.6	3.0
140-160	4.2	3.2	.5									7.9	4.9	4.0
(S) 170-190	4.0	2.2	.5									6.7	4.8	4.0
200-220	2.5	1.9	.9									5.3	5.8	5.0
230-250	.5	.5	.2	.2								1.4	8.1	6.5
(W) 260-280	1.2	1.1	.1	.1								2.5	5.4	5.0
290-310	1.4	4.1	4.7	2.7	.7	.1						13.8	11.0	11.0
320-340	2.4	6.4	4.8	2.1	.7	.1						16.5	9.8	9.0
VARIABLE														
CALM	////////////////////////////////////										9.9	////////////////////////////////		
TOTALS	35.7	32.8	14.4	5.5	1.5	.2						100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	4.4	2.6	.2								11.7	6.4	6.0
020-040	2.1	1.9	.5									4.5	5.6	5.5
050-070	3.7	.5	.8									4.9	4.5	4.0
(E) 080-100	3.5	1.9	.5									5.9	4.3	4.0
110-130	2.1	.9	.1									3.2	4.3	4.0
140-160	3.3	1.1	.6									4.9	4.8	4.0
(S) 170-190	4.4	3.4	1.5									9.3	5.6	5.0
200-220	2.4	1.4	.8									4.6	6.0	4.0
230-250	.9	.6	.5									2.0	6.2	5.0
(W) 260-280	1.4	.6	.4	.4								2.7	6.4	4.0
290-310	.9	3.4	5.3	2.9	.8							13.4	11.6	12.0
320-340	3.2	5.8	5.1	2.0	.4	.1						16.5	9.2	8.0
VARIABLE														
CALM	////////////////////											16.4	////////	
TOTALS	32.4	25.9	18.7	5.5	1.2	.1						100.0	6.0	6.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	5.1	2.1	.4	.0							10.9	6.9	6.0
020-040	2.5	2.8	.8	.1								6.2	6.0	6.0
050-070	3.0	2.0	.5	.0	.0							5.6	5.1	4.0
(E) 080-100	2.7	1.8	.3									4.7	4.4	4.0
110-130	2.4	1.1	.2	.1	.0							3.8	4.7	4.0
140-160	2.0	1.2	.6	.1	.0							4.0	5.9	4.0
(S) 170-190	3.3	2.3	.7	.1	.0							6.4	5.4	4.0
200-220	2.4	3.1	1.9	.3								7.7	7.1	7.0
230-250	1.5	2.2	.9	.2	.0							4.8	6.8	6.0
(W) 260-280	1.2	1.5	.5	.2	.0							3.5	6.9	6.0
290-310	1.1	4.6	6.4	2.6	.9	.1						15.6	11.2	11.0
320-340	2.1	5.1	5.5	1.7	.6	.2	.0					15.1	10.0	10.0
VARIABLE														
CALM	////////////////////////////////////											11.8	////////	
TOTALS	27.5	32.8	20.4	5.8	1.5	.3						100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	7.7	2.9	.8								16.1	6.9	6.0
020-040	4.5	8.2	2.2	.6								15.6	6.9	6.0
050-070	3.7	5.3	1.7	.2								10.9	6.4	6.0
(E) 080-100	2.2	3.2	.6									6.0	5.4	5.5
110-130	1.9	1.8	.3	.2	.1							4.4	6.1	6.0
140-160	1.5	1.8	1.8	.5								5.7	8.1	7.0
(S) 170-190	3.0	2.5	1.0									6.5	5.7	5.0
200-220	2.3	3.3	.9	.1								6.6	6.3	6.0
230-250	1.0	1.8	.3	.3	.1							3.6	7.2	6.0
(W) 260-280	.6	1.4	.2	.1								2.4	6.5	6.0
290-310	.8	1.6	1.4	.2	.4							4.4	9.1	8.0
320-340	2.1	3.3	1.8		.1	.1						7.5	7.5	7.0
VARIABLE														
CALM	////////////////////											10.4	////////	
TOTALS	28.4	41.9	15.1	3.0	.7	.1						100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	5.5	2.2	.5								12.5	6.8	6.0
020-040	2.5	2.9	1.0	.1								6.5	6.0	5.0
050-070	2.2	1.8	.8	.1	.1							4.9	6.2	5.0
(E) 080-100	2.0	1.3	.4									3.8	5.3	4.0
110-130	.8	1.0	.1									1.8	4.9	5.0
140-160	3.1	.8	.5									4.4	4.3	3.0
(S) 170-190	3.3	3.4	1.8	.3								8.9	6.5	6.0
200-220	3.2	4.4	2.5	.5								10.6	7.4	8.0
230-250	1.5	2.9	.8									5.2	6.2	6.0
(W) 260-280	1.5	1.5	.4	.1								3.5	6.0	5.0
290-310	.6	3.4	3.7	1.1	.5							9.4	10.4	10.0
320-340	2.4	4.9	4.7	1.9	.5							14.5	9.4	9.0
VARIABLE														
CALM	////////////////////////////////////											14.0	////////	
TOTALS	27.4	33.8	18.9	4.6	1.1							100.0	6.2	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	4.4	1.6	.1								10.0	6.2	5.0
020-040	2.2	4.1	1.2	.1								7.5	6.5	6.0
050-070	3.0	2.4	.6									6.0	5.1	4.5
(E) 080-100	1.4	.9	.6	.1								3.0	6.2	5.0
110-130	1.0	.6										1.6	4.3	3.0
140-160	1.6	1.3	.8									3.7	6.2	5.5
(S) 170-190	3.2	1.2	.8	.3								5.5	5.6	4.0
200-220	2.9	3.8	4.0	.3								11.0	7.8	8.0
230-250	2.0	2.9	.8									5.7	5.8	5.0
(W) 260-280	1.6	1.8	.2	.2								3.9	6.2	6.0
290-310	1.7	4.3	4.7	1.2	.4							12.4	9.7	10.0
320-340	2.3	5.9	5.3	.4	.6							14.5	8.9	8.0
VARIABLE														
CALM	////////////////////////////////////											15.3	////////	
TOTALS	26.8	33.6	20.6	2.7	1.0							100.0	6.1	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	5.5	2.5	.3								11.4	7.2	7.0
020-040	2.3	4.6	1.8	.1								8.8	6.5	6.0
050-070	3.1	2.6	1.2									6.9	5.8	5.0
(E) 080-100	1.5	1.3	.4									3.2	5.6	5.0
110-130	1.4	.8	.1									2.3	4.8	4.0
140-160	1.3	.2	.9	.1								2.5	6.9	4.0
(S) 170-190	3.1	1.7	.4	.1								5.4	5.1	4.0
200-220	3.7	3.3	3.9	.3	.1							11.3	7.6	8.0
230-250	2.2	3.0	1.1									6.2	6.3	6.0
(W) 260-280	1.6	1.8	.6									4.1	6.0	5.5
290-310	1.5	3.4	4.5	1.4	.4	.1						11.4	10.3	10.0
320-340	1.8	6.0	5.8	1.6	.3	.1						15.7	9.8	9.5
VARIABLE														
CALM	////////////////////////////////////											10.9	////////////////////////////////	
TOTALS	26.6	34.2	23.2	3.9	.8	.2						100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	3.8	3.1	.9								8.9	8.9	9.0
020-040	2.3	4.1	2.5	.2								9.0	7.5	7.0
050-070	1.3	3.9	1.7	.3								7.2	7.6	7.0
(E) 080-100	1.8	2.9	1.3									6.0	6.5	6.0
110-130	1.3	2.0	.2									3.5	5.4	5.0
140-160	1.1	.6	1.0	.1								2.8	7.6	6.0
(S) 170-190	2.0	1.7	1.6	.1								5.5	7.2	8.0
200-220	1.1	5.5	3.9	.8	.3							11.5	9.5	8.0
230-250	1.4	4.3	1.8	.3								7.8	7.8	8.0
(W) 260-280	1.6	1.0	1.3	.1	.2							4.2	8.0	7.0
290-310	.5	2.6	5.7	2.9	.9	.1						12.7	12.4	12.0
320-340	1.7	4.9	7.4	3.9	.5	.4	.1					19.0	11.3	11.0
VARIABLE														
CALM	////////////////////////////////////											1.7	////////////////////////////////	
TOTALS	17.3	37.3	31.5	9.6	1.9	.5	.1					100.0	9.0	9.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	2.2	3.1	1.0								6.9	9.9	10.0
020-040	2.4	3.2	1.7	.1								7.4	6.8	6.0
050-070	1.4	2.8	1.3	.2								5.7	7.3	7.0
(E) 080-100	1.2	1.8	.4									3.4	6.1	6.0
110-130	1.9	3.1	.4	.1								5.6	5.9	5.5
140-160	1.2	1.6	.2									3.0	5.1	5.5
(S) 170-190	1.0	2.0	2.7	.6	.1							6.5	9.4	10.0
200-220	1.2	4.2	3.8	1.2	.4	.1						10.9	9.7	10.0
230-250	1.9	2.6	2.4	.9	.1							7.8	8.4	8.0
(W) 260-280	1.2	1.7	2.6	.9	.4	.1						6.9	10.4	10.0
290-310	1.4	3.5	6.5	4.4	1.0	.4						17.2	12.1	12.0
320-340	1.1	3.4	7.4	3.5	1.4	.2						17.1	12.2	12.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	16.5	32.1	32.5	12.9	3.4	.8						100.0	9.5	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	3.9	3.1	1.5								9.2	9.9	9.5
020-040	.6	3.0	1.2									4.8	7.7	8.0
050-070	1.1	3.0	1.2	.2								5.5	7.3	7.0
(E) 080-100	1.3	2.6	.3									4.2	5.8	6.0
110-130	1.3	4.5	1.3									7.1	7.1	7.0
140-160	1.3	1.8	1.0	.1								4.2	6.9	6.0
(S) 170-190	.9	2.9	2.5	.2								6.5	8.8	9.0
200-220	1.1	4.1	3.5	1.1	.5							10.3	10.1	9.5
230-250	1.7	2.5	2.4	.5								7.1	8.2	8.0
(W) 260-280	1.0	1.4	1.4	.3	.2	.1						4.4	9.2	7.0
290-310	1.8	4.2	6.5	3.2	1.2	.4						17.3	11.7	12.0
320-340	1.6	2.9	7.5	4.5	1.2							17.7	12.1	12.0
VARIABLE														
CALM	////////////////////											1.6	////////	
TOTALS	14.5	36.8	31.9	11.6	3.1	.5						100.0	9.5	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	5.3	2.5	.6								10.2	8.1	8.0
020-040	1.4	3.2	.8	.2								5.6	6.8	7.0
050-070	1.7	2.2	1.4	.2	.1							5.6	7.4	6.0
(E) 080-100	3.8	2.3	.3									6.3	4.7	4.0
110-130	4.1	3.1	.5									7.7	5.0	4.0
140-160	3.5	4.6	1.2									9.4	5.9	6.0
(S) 170-190	2.7	3.7	1.0									7.3	5.8	6.0
200-220	.9	2.9	1.3	.4								5.5	8.2	8.0
230-250	2.2	1.4	.9	.1								4.5	6.0	5.5
(W) 260-280	.8	.8	.2	.1		.1						1.9	7.7	6.5
290-310	1.0	4.1	5.8	2.4	.6	.1						14.0	11.1	11.0
320-340	1.6	5.7	5.4	2.3	1.3							16.2	10.6	10.0
VARIABLE														
CALM	////////////////////////////////////											5.7	////////////////////////////////	
TOTALS	25.5	39.3	21.3	6.3	2.0	.2						100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	4.3	1.1	1.2								9.5	7.5	6.0
020-040	1.5	2.5	.4	.1								4.5	6.0	6.0
050-070	1.8	3.2	1.5	.2								6.8	7.0	6.0
(E) 080-100	2.6	1.0	.5									4.1	4.7	4.0
110-130	2.9	1.3	.1									4.3	4.3	4.0
140-160	4.6	2.6	.4									7.6	4.7	4.0
(S) 170-190	5.2	5.3	2.0	.4								12.9	6.3	5.5
200-220	1.1	3.0	1.7	.3								6.1	8.2	8.0
230-250	1.5	1.5	.6	.1								3.8	6.2	6.0
(W) 260-280	1.6	2.2	.1	.2								4.1	5.9	5.5
290-310	1.0	2.7	4.4	1.2	.3							9.6	10.7	11.0
320-340	2.8	7.3	4.9	1.8	.9	.1						17.8	9.5	8.0
VARIABLE														
CALM	////////////////////											8.9	////////	
TOTALS	29.5	36.9	17.7	5.5	1.2	.1						100.0	6.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	4.3	2.4	.8								9.8	7.9	7.0
020-040	1.9	3.5	1.3	.1								6.8	6.8	6.0
050-070	1.9	2.7	1.2	.2	.0							6.1	6.7	6.0
(E) 080-100	1.9	1.7	.6	.0								4.3	5.6	5.0
110-130	1.8	2.1	.3	.0								4.2	5.5	5.0
140-160	2.2	1.7	.7	.0								4.7	5.7	5.0
(S) 170-190	2.7	2.7	1.6	.3	.0							7.3	6.8	6.0
200-220	1.9	3.9	3.1	.6	.2	.0						9.7	8.6	8.0
230-250	1.8	2.6	1.3	.2	.0							6.0	7.1	6.0
(W) 260-280	1.4	1.5	.9	.2	.1	.0						4.1	7.7	6.0
290-310	1.2	3.5	5.2	2.2	.7	.1						13.0	11.2	11.0
320-340	1.9	5.1	6.1	2.5	.8	.1	.0					16.6	10.5	10.0
VARIABLE														
CALM	////////////////////////////////////											7.5	////////////////////////////////	
TOTALS	22.9	35.3	24.7	7.1	1.8	.2						100.0	7.6	8.0
TOTAL NUMBER OF OBSERVATIONS 7440														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.3	5.8	3.5	.8							12.4	8.3	8.0
020-040	3.4	10.9	4.2	.3							18.8	7.2	7.0
050-070	3.4	6.5	6.8	1.4	.2						18.3	8.6	8.0
(E) 080-100	3.6	3.7	1.9	.1							9.4	6.2	6.0
110-130	2.4	2.8	1.2	.1							6.6	6.4	6.0
140-160	2.2	.9	2.3	.3							5.7	8.1	7.5
(S) 170-190	1.0	2.7	.8	.2							4.8	7.2	6.5
200-220	.7	2.5	1.4								4.5	7.8	8.0
230-250	1.4	1.4	.1								2.8	5.3	5.0
(W) 260-280	.9	.8	.1	.1	.1						2.0	6.2	5.5
290-310	.2	1.1	.2	.6	.1						2.3	9.8	8.0
320-340	1.5	2.2	1.2	.7	.6						6.1	9.3	8.0
VARIABLE													
CALM	////////////////////										6.3	////////	
TOTALS	23.0	41.3	23.7	4.6	1.0						100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 882

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	3.6	2.0	.2								8.7	6.8	6.0
020-040	3.0	3.2	1.2	.1								7.6	6.1	5.0
050-070	2.4	2.4	1.4									6.3	6.4	5.0
(E) 080-100	2.8	1.4	.3									4.6	4.5	4.0
110-130	1.6	.8	.1									2.4	4.2	4.0
140-160	3.2	2.8	.3									6.3	5.0	4.0
(S) 170-190	5.1	3.7	.3	.1								9.2	4.7	4.0
200-220	3.9	3.6	1.8	.1								9.3	6.1	6.0
230-250	2.6	2.3	.2	.1								5.2	5.3	5.0
(W) 260-280	2.6	1.9	.9	.1								5.4	5.9	5.0
290-310	1.6	4.1	2.9	1.1	.3	.1						10.1	9.7	8.0
320-340	1.3	3.2	4.3	.1	.1							9.1	8.9	9.5
VARIABLE														
CALM	////////////////////											15.7	////////	
TOTALS	33.0	33.0	15.7	1.9	.4	.1						100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	5.6	.8	.3	.1							10.9	6.1	6.0
020-040	3.1	3.8	.7	.1								7.7	5.8	5.0
050-070	2.1	3.6	1.0	.2								6.9	6.3	5.0
(E) 080-100	3.0	1.4	.1									4.6	4.2	3.0
110-130	.6	.3	.2									1.1	5.5	4.0
140-160	2.7	1.3	.3									4.3	4.5	4.0
(S) 170-190	3.7	2.6	.7									6.9	4.8	4.0
200-220	3.9	2.7	1.6	.4								8.6	6.4	6.0
230-250	1.9	2.4	.3									4.7	5.2	5.0
(W) 260-280	1.9	2.7	.7		.1							5.3	6.4	6.0
290-310	1.6	4.8	3.0	1.1								10.4	8.8	8.0
320-340	1.4	3.7	1.9	.8								7.8	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////											20.9	////////////////////////////////	
TOTALS	30.0	34.9	11.3	2.9	.2							100.0	5.0	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	4.9	2.1	.3								11.6	6.4	6.0
020-040	2.1	5.2	.7									8.0	6.0	6.0
050-070	3.1	3.6	1.0	.1								7.8	5.7	5.0
(E) 080-100	2.1	2.0	.8									4.9	5.5	5.0
110-130	2.4	1.3	.2									4.0	4.6	4.0
140-160	1.6	.9	.2	.1								2.8	5.5	4.0
(S) 170-190	2.0	2.4	1.1									5.6	6.1	6.0
200-220	2.3	4.3	2.2	.1								9.0	7.0	7.0
230-250	3.0	2.7	.8	.2								6.7	5.9	5.0
(W) 260-280	2.7	4.0	.4									7.1	5.5	5.0
290-310	1.2	3.3	3.6	1.4	.1							9.7	9.9	10.0
320-340	2.9	3.6	2.8	1.7	.2							11.1	8.7	8.0
VARIABLE														
CALM	////////////////////////////////////											11.9	////////	
TOTALS	29.6	38.2	15.9	3.9	.3							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	3.9	2.7	1.0								9.3	8.6	8.0
020-040	2.2	4.9	1.1									8.2	6.3	6.0
050-070	2.1	3.8	1.2	.2								7.3	6.9	6.5
(E) 080-100	1.9	2.1	1.3									5.3	6.4	6.0
110-130	2.1	1.8	.3									4.2	5.0	4.5
140-160	1.2	1.4	.8	.1								3.6	7.0	6.5
(S) 170-190	.9	1.7	1.2	.3								4.1	8.1	8.0
200-220	1.4	4.7	4.7	.9	.1							11.8	9.3	9.0
230-250	1.1	4.4	1.8									7.3	7.7	8.0
(W) 260-280	.9	3.4	1.3	.2	.1							6.0	7.8	6.5
290-310	1.2	4.4	5.8	3.2	1.1	.1						15.9	11.4	11.0
320-340	1.7	4.3	6.0	1.7	.3							14.0	10.2	10.0
VARIABLE														
CALM	////////////////////											2.9	////////	
TOTALS	18.5	40.8	28.2	7.6	1.6	.1						100.0	8.3	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	2.6	2.7	.7	.1							7.3	8.9	8.0
020-040	1.4	2.6	1.6									5.6	7.0	7.0
050-070	1.6	1.8	2.0	.3								5.7	8.0	8.0
(E) 080-100	1.4	2.7	.9									5.0	6.3	6.0
110-130	1.3	3.3	.7									5.3	6.5	6.5
140-160	.8	1.8	1.4	.1								4.1	7.9	8.0
(S) 170-190	.8	2.0	2.2	.4	.1							5.6	9.3	9.5
200-220	1.7	4.2	4.1	1.2	.2							11.4	9.5	9.0
230-250	.9	3.7	2.2	.7	.3							7.8	9.3	8.0
(W) 260-280	1.7	3.3	2.9	.6	.1							8.6	8.5	8.0
290-310	1.3	4.4	6.4	2.8	.8	.1	.3					16.2	11.4	11.0
320-340	1.3	5.1	6.1	3.0	.2							15.8	10.3	10.0
VARIABLE														
CALM	////////////////////											1.7	////////	
TOTALS	15.5	37.5	33.2	9.8	1.8	.1	.3					100.0	9.0	9.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	2.4	1.9	.7								5.9	8.9	9.0
020-040	.9	3.2	.9	.1								5.1	7.4	8.0
050-070	1.1	2.9	2.0	.1								6.1	7.9	8.0
(E) 080-100	1.6	5.2	1.0	.1								7.9	7.0	7.0
110-130	.6	4.4	2.1									7.1	8.1	8.0
140-160	.6	2.0	1.0	.6								4.1	9.0	8.0
(S) 170-190	1.6	2.2	1.2	.3								5.3	7.4	7.5
200-220	1.9	3.1	4.6	1.1	.3							11.0	9.6	10.0
230-250	1.7	2.4	2.7	.6								7.3	8.4	8.5
(W) 260-280	2.4	2.6	2.2	.4	.2							7.9	8.1	7.0
290-310	.9	5.7	5.7	1.7	.9	.2	.3					15.3	11.3	10.0
320-340	1.8	4.2	6.0	2.6	.4							15.0	10.6	10.0
VARIABLE														
CALM	////////////////////											1.9	////////	
TOTALS	16.0	40.3	31.3	8.3	1.8	.2	.3					100.0	8.9	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	3.4	1.9	.7								9.6	7.0	6.0
020-040	1.6	2.3	7									4.6	6.4	6.0
050-070	1.6	2.2	1.1	.2								5.1	7.1	6.5
(E) 080-100	2.2	5.3	1.7									9.2	7.1	7.0
110-130	3.9	4.3	.9	.3								9.4	5.8	5.0
140-160	2.0	4.8	2.4	.2								9.4	7.5	8.0
(S) 170-190	2.4	3.1	.9									6.4	5.9	6.0
200-220	1.9	3.2	1.4	.1								6.7	7.2	7.0
230-250	1.6	1.6	.9	.3								4.3	7.1	6.0
(W) 260-280	1.2	1.7	.7	.1	.1							3.8	7.0	6.0
290-310	.9	2.2	4.3	1.2	.2	.1						9.0	10.9	12.0
320-340	1.9	4.1	4.6	2.3	.2	.3						13.4	10.4	10.0
VARIABLE														
CALM	////////////////////////////////////											9.0	////////	
TOTALS	24.8	38.2	21.5	5.4	.5	.4						100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	4.0	1.8	.4								9.0	7.1	7.0
020-040	1.7	2.0	.8	.1								4.6	6.3	6.0
050-070	2.3	3.0	.8	.1								6.2	6.3	6.0
(E) 080-100	1.2	2.7	1.0									4.9	6.4	6.0
110-130	2.2	3.8	1.1	.1								7.2	6.0	6.0
140-160	3.1	4.7	1.0	.1								8.9	5.9	5.5
(S) 170-190	4.6	5.8	1.2	.1								11.7	5.6	5.0
200-220	2.7	2.4	1.0		.1							6.2	6.3	6.0
230-250	1.8	1.7	.6									4.0	5.8	5.0
(W) 260-280	1.0	3.0	.2	.2								4.4	6.3	6.0
290-310	.9	2.4	3.4	1.0	.7	.1						8.6	10.7	10.0
320-340	.6	3.9	3.9	.8	.1							9.2	9.8	10.0
VARIABLE														
CALM	////////////////////////////////////											15.1	////////	
TOTALS	24.9	39.4	16.8	2.9	.9	.1						100.0	6.0	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	3.8	2.0	.5	.0							9.0	7.3	7.0
020-040	2.0	3.4	.9	.1								6.4	6.3	6.0
050-070	2.0	2.9	1.3	.2								6.4	6.8	6.0
(E) 080-100	2.0	2.9	.9	.0								5.8	6.1	6.0
110-130	1.8	2.5	.7	.1								5.1	6.0	6.0
140-160	1.9	2.5	.9	.2								5.4	6.5	6.0
(S) 170-190	2.6	2.9	1.1	.2	.0							6.8	6.2	6.0
200-220	2.5	3.5	2.7	.5	.1							9.2	7.9	8.0
230-250	1.8	2.7	1.2	.2	.0							5.9	7.1	6.0
(W) 260-280	1.8	2.8	1.2	.2	.1							6.1	7.1	6.0
290-310	1.2	3.9	4.4	1.7	.5	.1	.1					11.9	10.6	10.0
320-340	1.6	4.0	4.4	1.6	.2	.0						11.9	9.8	10.0
VARIABLE														
CALM	////////////////////											9.9	////////	
TOTALS	23.9	37.8	21.7	5.5	.9	.1	.1					100.0	7.0	7.0
TOTAL NUMBER OF OBSERVATIONS 7200														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.7	5.6	1.4								9.7	6.5	6.5
020-040	2.7	10.6	4.3	.5							18.1	7.7	7.0
050-070	5.2	9.8	7.8	1.1							24.0	8.1	8.0
(E) 080-100	4.6	6.0	4.0								14.5	6.8	7.0
110-130	2.4	1.9	1.3								5.6	5.8	5.0
140-160	.9	1.3	.9	.1							3.2	7.4	6.0
(S) 170-190	.6	.5	.5	.3							1.9	7.7	8.0
200-220	.9	1.5	1.1								3.6	7.2	7.0
230-250	1.8	.5									2.3	4.1	4.0
(W) 260-280	.8	1.4	.1								2.3	5.9	6.0
290-310	.4	.8	.9		.1						2.2	8.9	9.0
320-340	.8	2.6	2.7	.3	.1						6.4	9.2	9.0
VARIABLE													
CALM	////////////////////////////////////										6.3	////////	
TOTALS	23.8	42.5	25.0	2.3	.2						100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 784

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.6	3.1	.8									6.5	6.0	6.0
020-040	1.3	1.1	.4									2.8	5.6	5.0
050-070	2.5	1.5	.3									4.3	4.6	4.0
(E) 080-100	2.3	1.9	.3									4.5	4.9	4.5
110-130	2.5	1.8	.1									4.4	4.3	4.0
140-160	2.9	1.9	.2									5.1	4.1	4.0
(S) 170-190	7.4	3.8	.4	.1								11.7	4.4	4.0
200-220	5.8	4.7	1.1									11.6	5.4	4.5
230-250	3.2	3.6	.3									7.1	5.0	5.0
(W) 260-280	2.9	.9	.1									3.9	3.9	4.0
290-310	2.5	3.7	1.8	.1								8.1	6.6	6.0
320-340	1.6	4.5	1.0	.1								7.2	6.6	7.0
VARIABLE														
CALM	////////////////////////////////////										22.8	////////////////////////////////		
TOTALS	37.5	32.5	6.8	.3								100.0	4.0	5.0
TOTAL NUMBER OF OBSERVATIONS 929														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.1	3.7	.6									7.4	5.3	5.0
020-040	2.2	1.6	.2									4.0	4.6	4.0
050-070	2.6	1.7	.5									4.8	4.9	4.0
(E) 080-100	2.6	1.7	.3									4.6	4.4	4.0
110-130	2.2	1.3										3.4	4.3	4.0
140-160	2.6	.8										3.3	3.5	3.0
(S) 170-190	5.7	2.3	.3									8.3	4.2	4.0
200-220	4.1	5.1	1.4									10.5	5.9	6.0
230-250	4.1	2.5	.2									6.8	4.3	4.0
(W) 260-280	1.9	1.4										3.3	4.3	4.0
290-310	1.9	3.9	1.7									7.5	6.6	6.0
320-340	3.5	3.5	.9	.1								8.1	5.9	6.0
VARIABLE														
CALM	////////////////////////////////////										27.8	////////////////////////////////		
TOTALS	36.5	29.5	6.1	.1								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	5.1	1.3	.2								9.5	6.3	6.0
020-040	2.5	3.0	.5									6.0	5.6	6.0
050-070	3.0	2.8	.6									6.5	5.1	5.0
(E) 080-100	3.2	1.7	.3									5.3	4.3	4.0
110-130	2.3	1.1										3.3	4.0	4.0
140-160	1.9	1.5										3.4	4.5	4.0
(S) 170-190	2.7	2.0	.4									5.2	5.0	4.0
200-220	3.8	6.8	2.5									13.0	6.6	7.0
230-250	3.7	4.8	.8									9.2	5.4	5.0
(W) 260-280	2.3	2.7										4.9	4.7	5.0
290-310	2.9	4.1	1.0	.4								9.2	7.1	6.5
320-340	3.7	4.1	2.6	.1								10.4	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											14.0	////////	
TOTALS	34.9	39.7	10.8	.7								100.0	5.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	5.4	1.9	.2								9.8	7.1	7.0
020-040	2.2	3.4	1.2	.1								6.9	6.5	6.0
050-070	2.6	2.8	1.0									6.3	5.9	5.0
(E) 080-100	1.9	2.9	.5									5.4	5.9	5.0
110-130	2.4	2.5	.1									4.9	5.0	5.0
140-160	2.3	2.4	.4	.1								5.2	5.5	5.0
(S) 170-190	1.3	2.0	1.0									4.3	6.2	6.0
200-220	2.5	6.0	3.3	.3								12.2	7.8	8.0
230-250	3.7	5.4	2.3	.1								11.4	6.5	6.0
(W) 260-280	1.8	2.6	.5	.1								5.1	6.0	5.0
290-310	3.5	4.9	3.0	.5	.1							12.2	7.3	8.0
320-340	2.4	5.5	3.1	.8								11.7	8.0	8.0
VARIABLE														
CALM	////////////////////////////////////											4.7	////////////////////////////////	
TOTALS	28.9	45.8	18.3	2.2	.1							100.0	6.4	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	3.2	1.5	.5								7.1	7.3	6.0
020-040	1.8	2.2	1.7	.1								5.8	6.9	6.5
050-070	.9	2.5	.3	.1								3.8	6.3	6.0
(E) 080-100	1.4	3.3	1.0	.1								5.8	6.8	6.0
110-130	2.5	3.9	.8									7.1	5.9	6.0
140-160	1.6	2.6	.3									4.5	5.5	6.0
(S) 170-190	1.9	3.3	1.5	.1								6.9	6.8	7.0
200-220	3.3	5.8	2.6	.8								12.5	7.6	8.0
230-250	3.3	6.3	3.9	.1								13.7	7.5	8.0
(W) 260-280	2.0	3.3	.9									6.2	6.0	6.0
290-310	2.4	3.8	4.1	1.3				.1				11.6	9.2	9.0
320-340	2.0	6.0	3.7	.9								12.6	8.4	8.0
VARIABLE														
CALM	////////////////////											2.5	////////	
TOTALS	24.9	46.2	22.3	4.0				.1				100.0	7.1	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	3.4	1.8	.8	.1							7.8	8.1	8.0
020-040	2.0	2.9	.8	.1								5.8	6.1	5.0
050-070	1.2	2.6	.4									4.2	6.4	6.0
(E) 080-100	2.7	4.7	1.2									8.6	6.1	6.0
110-130	2.5	5.1	.8									8.3	6.2	6.0
140-160	1.0	2.2	1.1	.2	.1							4.5	7.7	8.0
(S) 170-190	1.2	4.2	2.2									7.5	7.6	7.0
200-220	3.1	7.3	4.3	.8								15.5	8.0	8.0
230-250	2.0	6.5	1.0	.1								9.6	6.6	6.0
(W) 260-280	2.8	1.2	1.3	.1								5.4	6.2	4.0
290-310	1.1	4.0	3.4	.4								8.9	8.5	9.0
320-340	2.0	3.9	4.7	1.0	.2							11.8	9.3	9.5
VARIABLE														
CALM	////////////////////////////////////											2.0	////////////////////////////////	
TOTALS	23.3	48.0	23.0	3.5	.4							100.0	7.3	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.1	3.7	1.0	.2	.1							8.1	6.4	6.0
020-040	1.4	2.2	.3									3.9	5.5	5.0
050-070	1.2	1.9	.5									3.7	5.9	5.5
(E) 080-100	3.7	3.3	.4									7.4	4.9	5.0
110-130	5.4	4.2	.9									10.4	5.0	4.0
140-160	3.8	4.4	1.0									9.1	5.6	5.0
(S) 170-190	7.4	5.8	.9									14.1	4.8	4.0
200-220	4.5	4.8	.6									10.0	5.4	5.0
230-250	2.6	2.6	.3	.1								5.6	5.2	5.0
(W) 260-280	1.8	.5	.1									2.5	4.0	4.0
290-310	1.6	3.4	1.9	.1								7.1	7.4	7.0
320-340	1.3	3.4	3.2	.6	.1							8.7	8.9	8.0
VARIABLE														
CALM	////////////////////////////////////											9.5	////////////////////////////////	
TOTALS	37.8	40.2	11.1	1.0	.2							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	3.1	.9									5.2	6.5	6.0
020-040	1.7	2.0	.5									4.3	5.7	5.5
050-070	1.4	1.9	.3									3.7	5.6	6.0
(E) 080-100	2.6	2.4	.4									5.4	5.3	5.0
110-130	3.7	2.3	.2									6.1	4.5	4.0
140-160	3.9	5.5	.4									9.8	5.2	5.0
(S) 170-190	11.3	5.4	.9	.2								17.7	4.6	4.0
200-220	3.3	4.3	1.2									8.8	5.8	6.0
230-250	4.0	1.8	.3									6.1	4.3	4.0
(W) 260-280	1.9	1.3										3.2	4.3	4.0
290-310	1.4	2.7	1.1	.2								5.4	6.9	6.0
320-340	1.2	2.9	1.7	.2	.1							6.1	7.9	7.0
VARIABLE														
CALM	////////////////////////////////////											18.2	////////	
TOTALS	37.6	35.6	7.9	.6	.1							100.0	4.4	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.3	3.8	1.2	.2	.0							7.7	6.6	6.0
020-040	1.9	2.3	.7	.0								4.9	5.9	5.0
050-070	1.9	2.2	.5	.0								4.7	5.6	5.0
(E) 080-100	2.5	2.8	.6	.0								5.9	5.4	5.0
110-130	2.9	2.8	.3									6.0	5.1	5.0
140-160	2.5	2.6	.4	.0	.0							5.6	5.3	5.0
(S) 170-190	4.9	3.6	.9	.1								9.5	5.2	4.0
200-220	3.8	5.6	2.1	.2								11.8	6.7	6.0
230-250	3.3	4.2	1.1	.1								8.7	5.9	6.0
(W) 260-280	2.2	1.7	.4	.0								4.3	5.1	4.0
290-310	2.2	3.8	2.4	.4	.0			.0				8.8	7.6	7.0
320-340	2.2	4.2	2.6	.5	.1							9.6	7.8	7.0
VARIABLE														
CALM	////////////////////////////////////											12.7	////////	
TOTALS	32.6	39.6	13.2	1.5	.1						100.0	5.4	6.00	
TOTAL NUMBER OF OBSERVATIONS 7439														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.4	5.3	1.4	.7								8.8	7.8	7.0
020-040	4.1	6.0	2.2	.2								12.5	6.5	6.0
050-070	2.9	9.6	2.4									15.0	6.8	7.0
(E) 080-100	6.0	8.0	1.5									15.5	5.5	5.0
110-130	5.1	4.4	.6									10.1	4.9	4.0
140-160	2.0	3.4	.7									6.0	5.8	6.0
(S) 170-190	1.9	2.9	1.3	.1								6.1	6.9	7.0
200-220	.9	2.7	.7									4.3	6.7	7.0
230-250	.9	1.4	.5									2.8	5.9	6.0
(W) 260-280	.9	.2		.1								1.3	4.3	4.0
290-310	1.2	1.4	.7									3.2	6.3	5.5
320-340	1.9	2.6	1.4	.1	.1							6.0	7.0	6.5
VARIABLE														
CALM	////////////////////////////////////											8.2	////////////////////////////////	
TOTALS	29.2	47.9	13.4	1.2	.1							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 862

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	1.1	.1									4.7	4.0	4.0
020-040	2.0	1.3	.1									3.4	4.2	4.0
050-070	1.9	1.1										3.0	4.0	3.0
(E) 080-100	1.7	.4	.1									2.2	3.3	2.0
110-130	2.2	.6										2.8	3.3	3.0
140-160	2.2	.8										3.0	3.7	4.0
(S) 170-190	8.9	3.3	.4									12.7	3.8	3.0
200-220	6.4	5.8	2.1									14.3	5.4	5.0
230-250	5.3	3.9	.1									9.3	4.5	4.0
(W) 260-280	4.0	1.7										5.7	4.0	4.0
290-310	2.1	1.4	.1									3.7	4.7	4.0
320-340	3.1	3.1	1.3									7.6	5.9	6.0
VARIABLE														
CALM	////////////////////////////////////											27.7	////////////////////////////////	
TOTALS	43.2	24.5	4.3									100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.4	2.2										7.7	3.7	4.0
020-040	2.7	1.8	.2									4.7	4.5	4.0
050-070	2.0	1.3	.2									3.6	4.6	4.0
(E) 080-100	1.7	.6										2.2	3.6	3.0
110-130	1.9	.6										2.4	3.3	3.0
140-160	1.4	.3										1.8	3.6	3.5
(S) 170-190	5.4	1.6	.1									7.1	3.3	3.0
200-220	5.7	6.2	1.9									13.8	5.7	5.0
230-250	7.2	3.7	.1									11.0	4.3	4.0
(W) 260-280	4.8	1.2										6.0	3.5	3.0
290-310	2.6	2.1	.7									5.3	5.3	5.0
320-340	2.6	2.8	.9									6.2	5.8	5.5
VARIABLE														
CALM	////////////////////////////////////											28.2	////////////////////////////////	
TOTALS	43.4	24.4	4.1									100.0	3.2	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.2	3.2	.6									9.0	4.9	4.0
020-040	2.4	3.1	.1									5.7	5.1	5.0
050-070	2.8	3.2										6.0	4.8	5.0
(E) 080-100	1.1	.7	.2									2.0	5.1	4.0
110-130	1.3	.7										2.0	3.9	3.5
140-160	2.3	.2	.1									2.7	3.0	2.5
(S) 170-190	3.3	1.1										4.4	3.3	3.0
200-220	5.2	8.6	1.8	.1								15.7	6.1	6.0
230-250	5.8	6.3	.9	.1								13.1	5.4	5.0
(W) 260-280	4.1	2.8	.1									7.0	4.4	4.0
290-310	2.7	3.8	1.3	.3								8.1	6.7	6.0
320-340	4.4	3.9	1.8									10.1	5.8	5.0
VARIABLE														
CALM	////////////////////////////////////											14.2	////////	
TOTALS	40.6	37.6	6.9	.5								100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	4.7	1.3	.1								8.4	6.6	6.0
020-040	1.9	3.0	.2									5.1	5.4	5.0
050-070	2.6	2.8										5.3	5.0	5.0
(E) 080-100	2.6	2.0										4.6	4.7	4.0
110-130	2.8	1.8	.1									4.7	4.2	4.0
140-160	2.7	1.1	.2									4.0	4.2	4.0
(S) 170-190	3.3	2.4	.1									5.9	4.6	4.0
200-220	3.9	7.2	2.6	.1								13.8	6.6	6.0
230-250	5.1	7.6	1.8	.1								14.6	6.1	6.0
(W) 260-280	2.6	4.2	.3	.1								7.2	5.7	5.0
290-310	2.0	5.4	2.6	.7								10.7	7.9	8.0
320-340	2.8	6.0	3.4	.1								12.3	7.5	7.0
VARIABLE														
CALM	////////////////////////////////////											3.4	////////////////////////////////	
TOTALS	34.6	48.2	12.6	1.2								100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	2.7	1.3	.2								6.2	7.0	7.0
020-040	2.4	2.4	.4									5.3	5.2	5.0
050-070	2.2	2.0	.2									4.4	4.7	4.5
(E) 080-100	2.3	1.6										3.9	4.2	4.0
110-130	3.2	1.9	.3									5.4	4.4	4.0
140-160	1.9	3.0	.2									5.1	5.1	5.5
(S) 170-190	2.1	3.7	1.0									6.8	6.3	6.0
200-220	2.9	8.0	2.9									13.8	7.1	7.0
230-250	2.2	7.6	3.4	.1								13.3	7.5	7.0
(W) 260-280	2.8	3.3	1.3									7.4	6.0	6.0
290-310	2.4	5.8	3.7	.9	.2							13.0	8.2	8.0
320-340	2.3	6.8	2.6	.3	.1							12.1	7.5	7.0
VARIABLE														
CALM	////////////////////////////////////											3.1	////////////////////////////////	
TOTALS	28.7	48.8	17.3	1.5	.3							100.0	6.4	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	3.2	1.8	.1								7.0	7.1	7.0
020-040	1.2	1.4	.3	.1	.1							3.2	6.6	6.0
050-070	1.6	2.3	.2									4.1	5.0	5.0
(E) 080-100	3.0	1.9	.3									5.2	5.1	4.0
110-130	3.2	3.8	.2									7.2	5.0	5.0
140-160	1.7	3.3	.4									5.4	5.8	6.0
(S) 170-190	2.0	5.1	.8									7.9	6.5	6.0
200-220	2.9	9.4	5.2	.1								17.7	7.7	8.0
230-250	2.1	8.2	1.8									12.1	6.7	7.0
(W) 260-280	1.8	4.2	1.4	.1			.1					7.7	7.0	6.0
290-310	2.0	5.0	4.4	.8	.2							12.4	8.5	9.0
320-340	1.4	3.6	2.9	.3	.3							8.6	8.4	8.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////////////////////////////	
TOTALS	24.8	51.4	19.7	1.5	.6		.1					100.0	6.8	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.8	2.4	1.0									6.2	5.6	5.0
020-040	2.0	2.2										4.2	5.1	5.0
050-070	2.3	1.2	.1									3.7	4.2	4.0
(E) 080-100	3.9	1.7										5.6	3.6	3.0
110-130	3.9	3.2		.1								7.2	4.5	4.0
140-160	6.2	3.7	.2									10.1	4.4	4.0
(S) 170-190	8.9	4.9	.4									14.3	4.2	4.0
200-220	5.0	8.2	1.4									14.7	5.8	5.5
230-250	3.0	2.7	.1									5.8	4.5	4.0
(W) 260-280	2.8	2.3	.2									5.3	4.6	4.0
290-310	2.2	3.3	1.2	.2	.1							7.1	7.0	6.0
320-340	2.3	3.8	1.8	.1								8.0	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											7.7	////////////////////////////////	
TOTALS	45.3	39.6	6.4	.4	.1							100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	2.3	.4									5.8	4.9	4.0
020-040	2.3	1.9	.1									4.4	4.4	4.0
050-070	1.9	.3	.1									2.3	3.7	4.0
(E) 080-100	2.6	.9	.2									3.7	4.0	4.0
110-130	2.3	.9										3.2	3.5	4.0
140-160	5.4	3.0										8.4	3.9	4.0
(S) 170-190	13.1	6.1	.3									19.5	4.0	3.0
200-220	4.7	4.6	.8									10.0	4.9	5.0
230-250	4.2	2.6	.7									7.5	5.1	4.0
(W) 260-280	1.6	1.6										3.1	4.8	4.5
290-310	1.6	1.7	.3									3.6	5.7	5.5
320-340	2.3	2.8	1.0	.1								6.2	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											22.2	////////////////////////////////	
TOTALS	45.0	28.7	3.9	.1								100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 896

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED 1.1 KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	2.7	.8	.1								6.9	5.5	5.0
020-040	2.1	2.2	.2	.0	.0							4.5	5.0	5.0
050-070	2.2	1.8	.1									4.1	4.6	4.0
(E) 080-100	2.3	1.2	.1									3.7	4.2	4.0
110-130	2.6	1.7	.1	.0								4.4	4.2	4.0
140-160	3.0	1.9	.2									5.1	4.4	4.0
(S) 170-190	5.9	3.5	.4									9.8	4.4	4.0
200-220	4.6	7.3	2.3	.0								14.2	6.3	6.0
230-250	4.4	5.3	1.1	.0								10.8	5.7	5.0
(W) 260-280	3.0	2.7	.4	.0			.0					6.2	5.1	5.0
290-310	2.2	3.6	1.8	.4	.1							8.0	7.3	7.0
320-340	2.7	4.1	2.0	.1	.1							8.9	6.9	6.0
VARIABLE														
CALM	////////////////////											13.5	////////	
TOTALS	38.3	38.0	9.5	.6	.2							100.0	4.8	5.0
TOTAL NUMBER OF OBSERVATIONS 7194														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	3.6	.4									7.1	5.1	5.0
020-040	4.2	9.1	1.0									14.3	5.9	6.0
050-070	3.8	7.7	.2									11.7	5.4	6.0
(E) 080-100	4.8	3.0	.2									7.9	4.5	4.0
110-130	6.2	2.6										8.7	3.8	4.0
140-160	3.8	2.2										6.0	4.3	4.0
(S) 170-190	4.0	2.8										6.7	4.2	4.0
200-220	2.8	4.2	1.8									8.7	6.6	6.0
230-250	4.0	2.0										6.0	4.1	4.0
(W) 260-280	1.6	.4										2.0	3.5	3.0
290-310	.8	.8	.4									2.0	5.8	5.5
320-340	2.4	2.6	.6	.2								5.8	5.9	6.0
VARIABLE														
CALM	////////////////////////////////////											13.1	////////	
TOTALS	41.6	41.0	4.6	.2								100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 504

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 00-02

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		2.0	2.0	.1									4.2	4.7	5.0
020-040		1.4	1.0	.1									2.5	4.7	4.0
050-070		1.8	.4										2.3	3.3	3.0
(E) 080-100		.9	.2										1.1	3.2	2.5
110-130		2.0	.1										2.2	2.9	3.0
140-160		3.0	.5										3.5	3.4	3.0
(S) 170-190		8.8	2.0	.1									11.0	3.4	3.0
200-220		6.3	7.3	.9									14.5	5.3	5.0
230-250		5.7	4.6	1.0									11.3	5.1	4.0
(W) 260-280		5.5	3.0										8.5	4.0	4.0
290-310		1.8	3.5	.6									6.0	5.9	6.0
320-340		2.3	2.4	.3									4.9	5.3	5.0
VARIABLE															
CALM		////////////////////////////////////											28.1	////////////////////////////////	
TOTALS		41.5	27.0	3.1									100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	2.5	.3									6.3	4.7	4.0
020-040	3.0	1.3	.1									4.4	4.1	4.0
050-070	1.2	.3	.1									1.6	3.9	3.0
(E) 080-100	1.4	.2										1.6	3.2	3.0
110-130	1.5											1.5	2.8	2.0
140-160	1.4	.2										1.6	2.9	3.0
(S) 170-190	8.6	1.2										9.8	3.0	3.0
200-220	5.7	6.9	.5									13.1	5.1	5.0
230-250	5.3	4.5	.4									10.2	4.9	4.0
(W) 260-280	5.3	1.9										7.2	3.8	4.0
290-310	3.0	3.8	.3									7.1	5.1	5.0
320-340	3.5	3.4	.3									7.3	4.9	5.0
VARIABLE														
CALM	////////////////////////////////////											28.2	////////////////////////////////	
TOTALS	43.4	26.2	2.0									100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	4.1	.8	.1								8.4	5.4	5.0
020-040	2.4	3.1	.1									5.6	5.2	5.0
050-070	2.6	1.1										3.7	3.8	4.0
(E) 080-100	2.0	.8	.1									2.9	3.7	4.0
110-130	1.6	1.1	.1									2.8	5.2	4.0
140-160	1.5	.8	.1									2.4	4.0	4.0
(S) 170-190	4.5	1.8	.1									6.5	3.6	3.0
200-220	4.4	5.9	.9									11.2	5.7	5.0
230-250	5.8	7.4	.8									14.0	5.3	5.0
(W) 260-280	3.8	2.9										6.7	4.1	4.0
290-310	4.6	4.8	.9									10.3	5.1	5.0
320-340	3.9	5.1	1.1	.1								10.1	5.9	5.5
VARIABLE														
CALM	////////////////////											15.6	////////	
TOTALS	40.5	38.9	5.0	.2								100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	3.4	.6	.1								6.7	5.9	6.0
020-040	3.3	3.3	.2									6.9	5.3	5.0
050-070	3.3	2.9										6.2	4.2	4.0
(E) 080-100	2.6	1.2	.1									3.9	4.2	4.0
110-130	2.0	2.2	.4									4.6	5.1	5.0
140-160	1.5	2.5	.3									4.3	5.3	5.0
(S) 170-190	1.9	2.6	.1									4.6	4.9	5.0
200-220	3.2	7.3	2.0	.2								12.8	6.6	7.0
230-250	4.0	6.3	.6									11.0	5.5	5.0
(W) 260-280	3.7	4.8	.9									9.4	5.6	6.0
290-310	3.7	5.4	2.9	.1								12.0	6.8	7.0
320-340	3.3	7.2	2.3									12.8	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											4.8	////////	
TOTALS	35.0	49.1	10.4	.4								100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	2.4	.4									4.4	5.5	6.0
020-040	1.9	2.2	.2									4.3	5.0	5.0
050-070	2.6	2.9										5.5	5.0	5.0
(E) 080-100	2.3	2.6	.4									5.3	5.1	5.0
110-130	1.5	2.6	.9									4.9	6.3	5.5
140-160	1.7	1.9	.4									4.1	5.3	5.0
(S) 170-190	1.8	4.2	.4									6.5	5.8	6.0
200-220	2.5	7.2	3.3	.1								13.1	7.3	7.0
230-250	3.4	8.1	2.6									14.1	6.6	6.0
(W) 260-280	3.4	6.0	1.8	.1								11.4	6.5	6.0
290-310	2.5	5.6	3.8	.5	.2							12.6	8.0	8.0
320-340	2.6	6.2	1.5	.1								10.4	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											3.4	////////////////////////////////	
TOTALS	27.8	51.9	15.7	.8	.2							100.0	6.3	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	2.6	.6									4.3	6.7	7.0
020-040	1.2	2.4	.2									3.8	5.8	5.0
050-070	2.0	1.3	.1									3.4	4.6	4.0
(E) 080-100	1.7	3.2										4.9	5.3	5.0
110-130	2.8	6.3	.3									9.5	5.7	5.0
140-160	1.8	3.4	.6									5.9	5.8	6.0
(S) 170-190	1.6	4.9	1.2									7.7	6.6	6.0
200-220	2.5	11.3	3.9	.2								17.8	7.5	8.0
230-250	2.7	7.6	2.7									13.0	6.7	6.0
(W) 260-280	2.5	3.7	1.4									7.5	6.4	6.0
290-310	2.2	4.7	3.3	.8								11.0	8.1	8.0
320-340	1.7	4.6	2.4	.1								8.8	7.7	8.0
VARIABLE														
CALM	////////////////////											2.3	////////	
TOTALS	23.8	56.0	16.7	1.1								100.0	6.6	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	3.1	.3	.1	.1							5.6	6.0	6.0
020-040	1.5	1.8	.1									3.4	5.2	5.0
050-070	1.7	1.1										2.8	3.8	4.0
(E) 080-100	3.1	1.9										5.1	4.2	4.0
110-130	6.7	3.8										10.4	4.1	4.0
140-160	5.1	4.2	.6									9.9	5.0	4.0
(S) 170-190	7.2	6.8	.8									14.7	4.8	5.0
200-220	5.3	9.4	1.2									15.8	5.8	6.0
230-250	3.7	4.4	1.1									9.1	5.8	6.0
(W) 260-280	1.5	2.3	.4									4.2	5.6	6.0
290-310	1.2	3.5	.9	.2								5.8	7.0	7.0
320-340	1.6	2.0	1.8	.1								5.6	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											7.5	////////////////////////////////	
TOTALS	40.5	44.3	7.2	.4	.1							100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	1.3	.1									3.8	4.6	4.0
020-040	1.0	.3	.2									1.5	5.2	4.0
050-070	1.2	.6	.1									1.9	4.1	3.5
(E) 080-100	2.4	.3	.1									2.8	3.0	2.5
110-130	2.7	.2	.1									3.0	3.5	3.0
140-160	4.3	2.2	.2									6.7	4.3	4.0
(S) 170-190	15.4	4.5	.4									20.3	3.9	4.0
200-220	5.3	6.3	.6			.1						12.4	5.3	5.0
230-250	5.6	4.2	.1									9.9	4.7	4.0
(W) 260-280	3.8	2.9		.1								6.8	4.6	4.0
290-310	1.7	1.8	.3									3.9	5.4	5.0
320-340	1.0	2.9	.1		.1							4.1	6.1	6.0
VARIABLE														
CALM	////////////////////											23.0	////////	
TOTALS	46.8	27.5	2.3	.1	.1	.1						100.0	3.5	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.3	2.7	.4	.0	.0							5.5	5.5
020-040	2.0	1.9	.2									4.0	5.1
050-070	2.1	1.3	.0									3.4	4.2
(E) 080-100	2.0	1.3	.1									3.4	4.3
110-130	2.6	2.0	.2									4.9	4.8
140-160	2.5	2.0	.3									4.8	4.8
(S) 170-190	6.2	3.5	.4									10.1	4.3
200-220	4.4	7.7	1.7	.1		.0						13.8	6.1
230-250	4.5	5.9	1.2									11.6	5.6
(W) 260-280	3.7	3.4	.6	.0								7.7	5.2
290-310	2.6	4.2	1.6	.2	.0							8.6	6.7
320-340	2.5	4.2	1.2	.1	.0							8.0	6.3
VARIABLE													
CALM	////////////////////										14.1	////////	
TOTALS	37.4	40.1	7.9	.4								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	2.8	.6	.2	.2							6.9	5.8	5.0
020-040	4.8	3.2										7.9	4.3	4.0
050-070	5.0	2.6	.2									7.7	4.0	4.0
(E) 080-100	4.0	2.2	.2									6.3	3.8	3.5
110-130	4.6	2.0	.2									6.7	4.3	4.0
140-160	2.8	1.4	.6									4.8	4.8	4.0
(S) 170-190	6.0	2.4	.8									9.1	4.4	4.0
200-220	4.4	5.6	1.2									11.1	5.8	6.0
230-250	4.4	4.0	.6									8.9	5.0	5.0
(W) 260-280	3.0	1.4	.6									5.0	4.8	4.0
290-310	1.8	3.0	.8	.2								5.8	6.3	6.0
320-340	1.2	.2	.6		.2							2.2	6.8	3.0
VARIABLE														
CALM	////////////////////											17.5	////////	
TOTALS	45.2	30.8	6.4	.4	.4							100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 504

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	2.7	.2									6.6	4.5	4.0
020-040	2.3	1.8	.6									4.7	5.4	5.0
050-070	2.4	.2	.1									2.7	3.2	2.0
(E) 080-100	2.2	.8	.1									3.0	3.8	3.5
110-130	1.5	.5										2.0	3.3	2.0
140-160	3.1	.9										4.0	3.4	3.0
(S) 170-190	13.9	3.8	.1									17.7	3.6	4.0
200-220	7.1	5.8	.9									13.8	5.0	4.0
230-250	4.2	2.7	.6									7.5	4.8	4.0
(W) 260-280	4.4	1.5										5.9	3.3	3.0
290-310	2.2	1.1										3.2	3.8	4.0
320-340	3.1	2.5	.4									6.0	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											22.8	////////////////////////////////	
TOTALS	50.1	24.3	3.0									100.0	3.3	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.6	4.8	.4									11.8	4.8	4.0
020-040	2.5	2.4	.4									5.3	4.9	5.0
050-070	2.5	.8	.3									3.5	4.1	3.0
(E) 080-100	1.5	.1										1.6	2.9	2.0
110-130	1.7	.1										1.8	2.5	2.0
140-160	1.7	.2										1.9	3.2	3.0
(S) 170-190	8.7	2.3	.2									11.2	3.6	4.0
200-220	6.6	5.2	.9									12.6	4.9	4.0
230-250	5.4	2.8	.2									8.4	4.4	4.0
(W) 260-280	3.5	.4	.1									4.1	3.3	3.0
290-310	2.9	1.4	.1									4.4	4.2	4.0
320-340	4.3	2.6	.5	.1								7.5	5.0	4.0
VARIABLE														
CALM	////////////////////											25.8	////////	
TOTALS	47.9	23.1	3.1	.1								100.0	3.2	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.0	5.7	1.6	.1								14.4	5.3	5.0
020-040	2.7	4.5	.4									7.6	5.9	6.0
050-070	3.2	1.8	.4									5.5	4.7	4.0
(E) 080-100	2.4	.6										3.0	3.0	2.5
110-130	.6	.3										1.0	3.6	3.0
140-160	1.2	.9	.2									2.3	4.4	4.0
(S) 170-190	4.3	2.8										7.1	4.1	4.0
200-220	4.3	6.8	1.1									12.2	5.8	6.0
230-250	5.1	5.6	1.1									11.7	5.3	5.0
(W) 260-280	4.1	1.5										5.6	3.6	3.0
290-310	2.3	2.0	.4									4.7	5.3	5.0
320-340	3.9	3.2	1.0	.5								8.6	5.9	5.0
VARIABLE														
CALM	////////////////////////////////////											16.3	////////	
TOTALS	41.1	35.7	6.2	.6								100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	5.1	1.9	.1								9.2	7.0	7.0
020-040	4.2	5.3	1.7	.2								11.4	6.0	6.0
050-070	3.7	4.2	1.0	.1								8.9	5.9	5.0
(E) 080-100	3.8	2.0	.3									6.1	4.5	4.0
110-130	2.7	1.9	.1		.1							4.8	5.0	4.0
140-160	1.8	1.7	.2									3.8	4.9	5.0
(S) 170-190	2.2	3.5	.4	.1								6.2	5.9	6.0
200-220	3.8	5.8	2.6									12.2	6.6	6.0
230-250	4.1	4.5	1.5									10.1	5.9	6.0
(W) 260-280	3.5	2.7	.3									6.6	4.9	4.0
290-310	2.9	3.0	1.1	.1								7.1	5.9	6.0
320-340	3.1	4.0	2.6	.1								9.8	6.7	6.0
VARIABLE														
CALM	////////////////////											3.8	////////	
TOTALS	38.0	43.7	13.7	.7	.1							100.0	5.7	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	4.8	.6	.1								7.7	6.2	6.0
020-040	1.1	3.0	.5	.1								4.7	6.9	6.0
050-070	3.0	3.0	1.0									7.0	5.8	6.0
(E) 080-100	3.5	2.9	.5									7.0	5.0	4.0
110-130	2.7	3.3	.2									6.2	5.3	5.0
140-160	2.8	3.5	.9									7.2	5.6	6.0
(S) 170-190	1.9	4.5	1.3	.1								7.8	6.6	6.0
200-220	2.7	7.2	4.1	.2	.1							14.3	7.7	8.0
230-250	4.2	4.4	1.2									9.8	5.7	5.0
(W) 260-280	3.1	4.0	1.6	.1								8.8	6.4	6.0
290-310	2.7	4.0	1.1									7.7	6.0	6.0
320-340	2.4	4.3	2.8	.1								9.6	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////////////////////////////	
TOTALS	32.3	48.9	15.8	.7	.1							100.0	6.2	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	2.8	1.6			.1						6.9	7.0	7.0
020-040	2.3	2.9	.3	.1								5.6	5.4	5.0
050-070	2.6	3.4	1.0									7.0	5.7	6.0
(E) 080-100	2.7	3.5	.2									6.5	5.2	5.0
110-130	3.5	6.8	.4									10.8	5.5	5.0
140-160	2.7	4.9	1.4									9.0	6.3	6.0
(S) 170-190	1.3	5.6	1.8									8.7	7.1	7.0
200-220	2.6	8.3	3.9	.1								14.8	7.6	8.0
230-250	1.8	4.9	1.6									8.4	6.7	6.0
(W) 260-280	2.0	3.7	.8	.1								6.6	6.2	6.0
290-310	1.9	2.9	2.4	.1	.1							7.4	7.2	7.0
320-340	1.0	4.3	1.5	.1	.1							7.0	7.7	7.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////////////////////////////	
TOTALS	26.8	54.0	16.9	.5	.2	.1						100.0	6.5	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	2.7	.8	.2		.1						6.6	6.2	6.0
020-040	1.8	1.5	1.0									4.3	6.1	5.5
050-070	3.3	1.8	.3									5.5	4.5	4.0
(E) 080-100	3.8	1.8	.2									5.8	4.1	4.0
110-130	8.1	3.8										11.8	4.1	4.0
140-160	6.0	7.0	.5									13.5	5.2	5.0
(S) 170-190	8.3	5.9	.5									14.7	4.6	4.0
200-220	4.8	5.1	1.3									11.2	5.5	5.0
230-250	3.0	2.5	.3	.2								6.0	5.5	4.5
(W) 260-280	2.9	1.0										3.9	4.0	4.0
290-310	1.3	1.7	.4									3.4	5.9	5.5
320-340	1.2	2.4	1.0	.2								4.7	7.2	7.5
VARIABLE														
CALM	////////////////////											8.5	////////	
TOTALS	47.3	37.2	6.3	.6		.1						100.0	4.6	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	1.7	.9									5.4	5.4	4.0
020-040	1.6	1.2	.3									3.1	5.1	4.0
050-070	1.9	.8	.2	.1								3.0	4.8	4.0
(E) 080-100	2.5	.8										3.2	3.5	3.5
110-130	2.9	1.1										4.0	3.6	.0
140-160	4.9	3.1										8.1	4.1	4.0
(S) 170-190	13.5	9.0	.4									23.0	4.2	4.0
200-220	5.4	4.4	.9	.1								10.8	5.1	4.5
230-250	3.2	1.8	.1									5.2	4.3	4.0
(W) 260-280	3.0	1.5	.1									4.6	4.1	4.0
290-310	.6	1.0	.1	.1								1.8	5.9	5.0
320-340	1.7	2.4	.6									4.7	5.6	5.5
VARIABLE														
CALM	////////////////////////////////////											23.1	////////////////////////////////	
TOTALS	44.0	28.8	3.6	.3								100.0	3.5	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.7	3.8	1.0	.1		.0						8.6	5.7	5.0
020-040	2.3	2.8	.7	.1								5.8	5.8	6.0
050-070	2.8	2.0	.5	.0								5.4	5.1	4.0
(E) 080-100	2.8	1.6	.2									4.5	4.3	4.0
110-130	3.0	2.2	.1		.0							5.3	4.6	4.0
140-160	3.0	2.8	.4									6.2	5.0	5.0
(S) 170-190	6.8	4.7	.6	.0								12.1	4.6	4.0
200-220	4.7	6.1	1.9	.1	.0							12.7	6.1	6.0
230-250	3.9	3.7	.8	.0								8.4	5.4	5.0
(W) 260-280	3.3	2.0	.4	.0								5.8	4.7	4.0
290-310	2.1	2.1	.7	.0	.0							5.0	5.7	5.0
320-340	2.6	3.2	1.3	.1	.0							7.2	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											13.0	////////////////////////////////	
TOTALS	41.0	37.0	8.6	.4								100.0	4.7	5.0
TOTAL NUMBER OF OBSERVATIONS 7440														

OPERATING LOCATION "A"
USAFETC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)													%	WIND	WIND
(N)	350-010	1.8	5.0	3.4	.5		.2						11.0	8.8	8.0
	020-040	4.1	4.7	3.2	.5								12.6	7.0	7.5
	050-070	6.6	3.9	3.1	.2								13.8	6.0	5.0
(E)	080-100	5.2	2.2	.9									8.3	4.4	4.0
	110-130	2.9	1.1			.2							4.1	4.0	3.0
	140-160	1.4	.9	.4									2.7	4.9	4.0
(S)	170-190	4.1	1.3		.2								5.6	4.0	4.0
	200-220	4.1	3.6	.4									8.1	4.9	4.0
	230-250	4.3	3.1	.5	.2								8.1	5.0	4.0
(W)	260-280	2.5	.5										3.1	3.6	4.0
	290-310	1.6	1.1	.2	.2								3.1	5.6	4.0
	320-340	2.0	.9	.5									3.4	4.8	4.0
VARIABLE															
CALM		////////////////////////////////////											16.3	////////////////////////////////	
TOTALS		40.6	28.3	12.6	1.8	.2	.2						100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 557

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	5.8	.2									10.7	5.1	5.0
020-040	3.7	3.8	.8									8.2	5.1	5.0
050-070	1.8	.8	.1									2.7	4.2	4.0
(E) 080-100	3.0	.3										3.3	3.1	3.0
110-130	2.4	.8										3.2	3.4	4.0
140-160	2.0	.7	.3	.2								3.2	5.1	4.0
(S) 170-190	9.2	1.8	.2	.2								11.4	3.8	3.0
200-220	7.0	4.3	.6									11.9	4.6	4.0
230-250	4.0	3.1	.1									7.2	4.3	4.0
(W) 260-280	2.8	1.0										3.8	3.9	4.0
290-310	2.1	1.4	.1									3.7	4.5	4.0
320-340	2.2	3.2	.8									6.2	5.9	5.5
VARIABLE														
CALM	////////////////////											24.4	////////	
TOTALS	44.9	27.0	3.2	.4								100.0	3.4	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.9	5.7	.9	.2	.1							13.8	5.2	4.5
020-040	3.8	4.3	.3	.1								8.6	5.2	5.0
050-070	3.0	1.0										4.0	3.6	4.0
(E) 080-100	2.1	.2										2.3	3.4	4.0
110-130	1.4	.2										1.7	2.6	2.0
140-160	1.3	.1	.2									1.7	3.9	2.0
(S) 170-190	5.6	1.3	.3	.1								7.3	3.8	3.0
200-220	8.0	4.0	1.8	.1								13.9	5.0	4.0
230-250	4.1	2.9	.1									7.1	4.7	4.0
(W) 260-280	3.0	.9	.1									4.0	3.9	4.0
290-310	1.3	2.2	.3									3.9	5.7	6.0
320-340	3.0	1.9	.2									5.1	4.5	4.0
VARIABLE														
CALM	////////////////////											26.7	////////	
TOTALS	43.5	24.7	4.2	.5	.1							100.0	3.4	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.0	6.8	1.3		.1							15.2	5.3	5.0
020-040	3.9	6.8	.6									11.2	5.9	6.0
050-070	3.6	1.4										5.0	4.0	4.0
(E) 080-100	2.6	.8										3.3	3.5	4.0
110-130	1.4	.2										1.7	3.3	4.0
140-160	1.9	.1	.1									2.1	3.2	3.0
(S) 170-190	3.6	.8	.8									5.1	4.5	4.0
200-220	4.8	4.2	1.6	.1								10.7	5.7	5.0
230-250	3.6	3.7	.3	.1								7.7	5.1	5.0
(W) 260-280	4.1	2.2										6.3	4.1	4.0
290-310	1.8	2.7	1.1									5.6	6.8	6.0
320-340	2.8	2.8	.6	.4								6.6	6.1	5.0
VARIABLE														
CALM	////////////////////											19.6	////////	
TOTALS	41.1	32.5	6.4	.6	.1							100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	7.3	1.3	.3								11.4	7.0	7.0
020-040	3.3	5.7	1.7									10.7	6.1	6.0
050-070	2.7	6.1	.8									9.6	5.8	6.0
(E) 080-100	2.8	2.7	.1									5.6	4.9	4.5
110-130	3.7	1.8	.3									5.8	4.1	4.0
140-160	2.1	1.8	.1									4.0	4.6	4.0
(S) 170-190	2.2	1.6	1.2									5.0	6.0	5.0
200-220	4.1	3.7	1.8									9.6	5.6	5.5
230-250	3.6	6.1	2.1	.2								12.0	6.5	6.0
(W) 260-280	2.6	3.6	.4									6.6	5.2	5.0
290-310	1.7	4.7	1.8	.8	.1							9.0	8.1	8.0
320-340	1.1	4.0	2.4	.2								7.8	7.8	7.0
VARIABLE														
CALM	////////////////////											3.1	////	////
TOTALS	32.3	49.1	14.0	1.5	.1							100.0	6.0	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 12-14

WIND SPEED IN KNOTS															
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
(N) 350-010	1.7	5.4	1.4	.1								8.7	7.0	6.0	
020-040	2.1	3.8	.6	.2								6.7	6.2	6.0	
050-070	3.6	3.7	1.4									8.7	5.9	5.0	
(E) 080-100	2.6	3.1	.4									6.1	5.2	5.0	
110-130	3.1	3.8	.2									7.1	5.0	5.0	
140-160	3.1	2.9	.1									6.1	4.7	4.0	
(S) 170-190	1.9	3.1	1.0	.2								6.2	6.6	6.0	
200-220	2.8	4.6	2.8	.1								10.2	7.1	6.0	
230-250	3.0	5.7	1.9	.3								10.9	6.7	6.0	
(W) 260-280	2.7	4.8	1.4									8.9	6.3	6.0	
290-310	.9	4.0	2.7	.7	.1							3.3	9.1	8.0	
320-340	2.3	5.1	2.0	.8								10.2	7.5	7.5	
VARIABLE															
CALM	////////////////////////////////////												1.9	////////////////////////////////	
TOTALS	29.8	50.0	15.9	2.4	.1							100.0	6.4	6.0	

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	3.1	2.0									7.7	6.6	6.0
020-040	2.9	3.0	.6									6.4	5.5	5.0
050-070	1.6	3.6	.8									5.9	6.1	6.0
(E) 080-100	3.3	4.3	.3									8.0	5.2	5.0
110-130	3.9	6.3	.1									10.3	5.1	5.0
140-160	2.9	3.6	.3									6.8	5.3	5.0
(S) 170-190	1.8	4.8	1.1									7.7	6.5	7.0
200-220	3.7	7.1	2.4	.3								13.6	6.7	6.0
230-250	2.8	6.1	.9	.1								9.9	6.3	6.0
(W) 260-280	2.0	3.4	.8	.1								6.3	6.4	6.0
290-310	1.6	2.6	2.8	.6								7.4	8.5	9.0
320-340	1.4	5.0	2.1	.1	.1							8.8	7.6	7.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////////////////////////////	
TOTALS	30.5	52.9	14.2	1.2	.1							100.0	6.2	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.0	4.6	.6									8.1	5.6	6.0
020-040	2.9	3.8	.1									6.8	5.1	5.0
050-070	3.4	1.3	.2									5.0	4.2	4.0
(E) 080-100	4.6	.8	.1									5.4	3.3	3.0
110-130	9.0	2.1	.1	.2								11.4	3.8	4.0
140-160	4.9	3.7	.2	.1								8.9	4.6	4.0
(S) 170-190	10.6	4.8	.3									15.7	4.1	4.0
200-220	3.7	3.2	.4									7.3	4.9	4.5
230-250	3.6	2.2	.3									6.1	4.6	4.0
(W) 260-280	1.2	1.0	.2									2.4	5.0	4.5
290-310	1.1	3.0	.8	.1								5.0	6.9	6.0
320-340	2.1	3.1	1.0									6.2	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////											11.6	////////////////////////////////	
TOTALS	50.1	33.6	4.3	.4								100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	3.9	.1									6.9	5.1	5.0
020-040	2.3	2.6	.3	.1								5.3	5.5	5.5
050-070	4.1	1.6										5.7	3.9	4.0
(E) 080-100	3.2	1.1	.1									4.4	3.6	3.0
110-130	2.7	2.2	.3	.1								5.3	4.8	4.5
140-160	4.3	1.0	.1									5.4	3.8	3.0
(S) 170-190	13.0	3.7	.2	.2								17.1	3.8	4.0
200-220	4.9	4.7	.6									10.1	4.9	5.0
230-250	3.1	2.9	.1									6.1	4.7	4.0
(W) 260-280	1.6	.7										2.2	4.3	4.0
290-310	2.3	2.7	.3									5.3	5.5	5.0
320-340	1.4	3.4	.9	.1								5.9	6.6	6.0
VARIABLE														
CALM	////////////////////											20.1	////////	
TOTALS	45.8	30.5	3.0	.5								100.0	3.7	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.9	5.3	1.0	.1	.0							10.3	5.8	6.0
020-040	3.1	4.2	.6	.1							8.0	5.6	6.0	
050-070	3.0	2.4	.4							5.8	5.0	4.0		
(E) 080-100	3.0	1.7	.1							4.8	4.3	4.0		
110-130	3.5	2.2	.1	.0							5.8	4.3	4.0	
140-160	2.8	1.7	.2	.0							4.8	4.6	4.0	
(S) 170-190	6.0	2.7	.7	.1							9.4	4.6	4.0	
200-220	4.9	4.5	1.5	.1							10.9	5.6	5.0	
230-250	3.5	4.1	.7	.1							8.4	5.6	5.0	
(W) 260-280	2.5	2.2	.4	.0							5.1	5.1	5.0	
290-310	1.6	2.9	1.2	.3	.0							6.0	7.3	7.0
320-340	2.1	3.6	1.3	.2	.0							7.1	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											13.6	////////////////////////////////	
TOTALS	39.9	37.5	8.2	1.0							100.0	4.7	5.0	

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.5	7.6	2.0	.3	.3							13.7	7.1	7.0
020-040	5.5	11.0	2.7	.1								19.3	6.4	6.0
050-070	5.4	5.6	.8									11.8	5.3	5.0
(E) 080-100	3.8	1.5	.6									5.9	4.6	4.0
110-130	2.7	2.0	.7	.3								5.6	5.5	5.0
140-160	1.7	1.3	.6	.1								3.7	5.8	5.0
(S) 170-190	4.4	1.0	1.3	.1								6.8	5.1	4.0
200-220	4.1	3.5	1.0	.1								8.7	5.4	5.0
230-250	1.8	3.2	.4									5.5	5.9	6.0
(W) 260-280	2.1	.8	.1									3.1	4.4	3.5
290-310	.1	.6	.1	.4								1.3	10.2	9.0
320-340	.6	1.5	.1	.4								2.7	7.9	7.0
VARIABLE														
CALM	////////////////////////////////////											12.0	////////////////////////////////	
TOTALS	35.7	39.6	10.4	1.8	.3							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 710

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 00-02

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.5	4.7	.6									8.9	5.3	5.0
020-040	3.2	3.4	.2									6.9	5.0	5.0
050-070	2.5	1.6	.4									4.5	5.2	4.0
(E) 080-100	.9		.4									1.3	5.3	4.0
110-130	1.5	.4										1.9	2.8	2.0
140-160	2.0	1.0										3.0	3.8	3.5
(S) 170-190	7.8	3.1	.4	.1								11.5	4.2	4.0
200-220	5.3	4.5	.8									10.5	4.9	4.5
230-250	4.3	2.8	.2									7.3	4.4	4.0
(W) 260-280	1.9	2.2	.4	.2								4.7	5.7	5.0
290-310	2.0	4.7	1.9	.2								8.9	7.0	6.0
320-340	2.5	3.2	.9	.2								6.8	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											23.7	////////////////////////////////	
TOTALS	37.4	31.6	6.2	.7								100.0	3.9	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.5	6.3	.4									13.2	4.8	5.0
020-040	2.6	4.1	.9	.1								7.6	5.6	6.0
050-070	1.5	1.3	.4									3.2	5.6	5.0
(E) 080-100	1.0	.3	.4									1.7	5.6	4.0
110-130	1.4	.2										1.6	2.9	2.0
140-160	2.0	.4										2.5	3.5	3.0
(S) 170-190	5.8	1.7	.3									7.8	3.9	3.0
200-220	5.6	4.3	.6		.1							10.6	4.9	4.0
230-250	3.7	2.5	.1									6.2	4.4	4.0
(W) 260-280	2.7	2.6	.5	.1								5.9	5.4	5.0
290-310	1.7	3.9	1.7									7.3	7.1	7.0
320-340	3.2	3.3	1.4									8.0	6.1	5.0
VARIABLE														
CALM	////////////////////											24.2	////////	
TOTALS	37.7	30.9	6.7	.2	.1							100.0	3.9	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.4	5.6	1.1	.2								12.3	5.5	5.0
020-040	3.1	4.8	.5									8.5	5.2	5.0
050-070	2.4	2.5	.3	.2								5.4	5.8	5.5
(E) 080-100	1.0	.5										1.5	4.0	3.5
110-130	.5	.2	.1									.9	4.3	3.5
140-160	2.3	.3	.1									2.7	3.7	3.0
(S) 170-190	4.9	1.9	.2									7.1	3.8	4.0
200-220	5.6	5.3	1.5									12.4	5.5	5.0
230-250	3.7	3.2	.3									7.2	5.3	4.0
(W) 260-280	2.4	2.8	.4									5.6	5.2	5.0
290-310	2.2	4.7	1.7	.4	.1							9.1	7.2	7.0
320-340	4.0	4.4	1.2	.3								9.9	5.9	5.0
VARIABLE														
CALM	////////////////////											17.5	////////	
TOTALS	37.5	36.2	7.4	1.1	.1							100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	6.3	2.7	.2								11.4	7.5	8.0
020-040	2.5	5.6	1.2									9.2	6.0	6.0
050-070	2.2	5.3	.8									8.2	6.0	6.0
(E) 080-100	1.8	1.4	.2									3.4	4.7	4.0
110-130	1.7	.9										2.6	4.1	4.0
140-160	1.6	1.7										3.3	4.6	5.0
(S) 170-190	1.7	2.2	.9									4.7	6.0	6.0
200-220	3.1	7.6	3.0	.1								13.9	7.1	7.0
230-250	3.2	4.8	1.7									9.8	6.3	6.0
(W) 260-280	1.9	2.5	1.9	.4								6.8	7.7	7.0
290-310	2.0	4.0	4.6	1.6								12.3	9.5	10.0
320-340	1.5	4.8	4.1	.2								10.6	8.4	8.0
VARIABLE														
CALM	////////////////////////////////////											3.8	////////////////////////////////	
TOTALS	25.4	47.1	21.1	2.5								100.0	6.8	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	4.2	1.5									8.3	6.4	6.0
020-040	3.4	3.0	1.2									7.6	5.6	5.0
050-070	2.0	4.0	.3	.1								6.5	6.0	6.0
(E) 080-100	1.6	2.4	.1									4.1	5.2	5.0
110-130	1.2	1.3										2.5	4.7	5.0
140-160	1.8	2.0										3.9	4.8	5.0
(S) 170-190	.8	4.1	1.4	.2								6.5	7.9	8.0
200-220	3.0	6.5	4.1	.2								13.8	7.7	8.0
230-250	2.0	4.8	2.9									9.8	7.3	7.0
(W) 260-280	1.6	2.6	1.8	.3								6.3	7.8	7.0
290-310	1.9	3.9	5.2	2.6	.2							13.8	10.2	10.0
320-340	3.3	5.4	4.4	.4								13.5	7.8	8.0
VARIABLE														
CALM	////////////////////											3.5	////////	
TOTALS	25.2	44.2	22.9	3.8	.2							100.0	7.1	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	4.5	.4	.1								7.7	6.0	6.0
020-040	2.8	3.7	.4	.2								7.1	5.8	5.5
050-070	3.4	2.8	.2									6.5	4.8	4.0
(E) 080-100	3.8	3.0	.1									6.9	4.7	4.0
110-130	4.1	2.5										6.6	4.4	4.0
140-160	1.9	2.6	.8									5.3	5.6	5.0
(S) 170-190	4.0	4.6	1.1									9.7	5.7	5.0
200-220	3.7	8.1	1.7	.2								13.7	6.4	6.0
230-250	2.2	3.2	1.7									7.1	6.7	7.0
(W) 260-280	2.0	.9	1.1	.6	.2							4.8	8.4	5.0
290-310	1.7	3.3	4.1	2.2								11.3	9.8	10.0
320-340	1.5	4.8	3.2	.5								10.1	8.4	8.0
VARIABLE														
CALM	////////////////////											3.3	////////////////	
TOTALS	33.8	44.0	14.8	3.8	.2							100.0	6.4	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.7	3.1	.8									7.5	5.2	5.0
020-040	3.0	2.0	.2	.1								5.4	4.7	4.0
050-070	4.3	1.5	.2									6.0	3.8	3.0
(E) 080-100	2.6	2.2	.2									4.9	4.7	4.0
110-130	4.2	1.6										5.8	3.7	4.0
140-160	6.6	3.4	.3									10.3	4.3	4.0
(S) 170-190	8.8	3.0	.1									11.9	3.7	4.0
200-220	3.4	2.8	.9									7.1	5.4	5.0
230-250	1.6	1.3	.1	.1								3.1	5.3	4.0
(W) 260-280	1.6	1.1	.9	.3								3.9	7.2	6.0
290-310	.6	3.8	1.9	.1								6.5	8.3	8.0
320-340	3.0	4.5	1.6									9.1	6.6	6.0
VARIABLE														
CALM	////////////////////////////////////											18.4	////////////////////////////////	
TOTALS	43.4	30.3	7.2	.6								100.0	4.2	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 80
MONTH: OCT HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.3	3.7	1.0	.3								8.3	6.0	5.0
020-040	3.5	2.3	.2									6.0	4.6	4.0
050-070	2.3	1.9	.6									4.8	5.5	5.0
(E) 080-100	2.6	.9	.3									3.8	4.7	4.0
110-130	1.6	.8										2.4	3.8	4.0
140-160	3.1	1.6										4.7	4.1	4.0
(S) 170-190	9.0	5.6	.4									15.1	4.4	4.0
200-220	3.3	2.9	.8									7.0	5.2	5.0
230-250	3.7	2.7			.1							6.5	4.8	4.0
(W) 260-280	1.6	1.4	1.0	.2								4.2	6.7	5.0
290-310	2.0	3.3	1.7	.6	.1							7.8	7.8	7.0
320-340	1.1	4.0	1.8	.1	.1							7.1	7.9	7.5
VARIABLE														
CALM	////////////////////////////////////											22.4	////////////////////////////////	
TOTALS	37.1	31.1	7.8	1.2	.3							100.0	4.3	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.7	4.8	1.1	.1								9.7	5.8	5.0
020-040	3.0	3.6	.6	.1								7.3	5.4	5.0
050-070	2.6	2.6	.4	.0								5.6	5.4	5.0
(E) 080-100	1.9	1.3	.2									3.5	4.8	4.0
110-130	2.0	1.0	.0									3.0	3.9	4.0
140-160	2.7	1.6	.1									4.5	4.4	4.0
(S) 170-190	5.4	3.3	.6	.0								9.3	4.7	4.0
200-220	4.1	5.2	1.7	.1	.0							11.1	6.0	6.0
230-250	3.0	3.2	.9	.0	.0							7.1	5.7	5.0
(W) 260-280	2.0	2.0	1.0	.3	.0							5.3	6.8	6.0
290-310	1.8	4.0	2.9	1.0	.1							9.6	8.6	8.0
320-340	2.5	4.3	2.3	.2	.0							9.4	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											14.6	////////////////////////////////	
TOTALS	34.7	36.9	11.8	1.8	.1							100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	6.9	8.7	1.5	.9								18.0	6.2	6.0
020-040	4.0	4.6	2.5	.4								11.5	6.4	6.0
050-070	4.0	8.3	1.9	.3								14.5	6.4	6.0
(E) 080-100	1.8	1.5	1.6									4.9	6.8	7.0
110-130	2.9	1.2	.1									4.3	4.4	4.0
140-160	3.8	3.5	.7									8.1	5.2	5.0
(S) 170-190	2.1	2.7	.6									5.3	5.2	5.0
200-220	2.1	4.0	.6									6.6	5.7	5.0
230-250	1.9	2.5	.3		.1							4.9	5.9	6.0
(W) 260-280	.6	.6		.3	.1							1.6	7.8	5.0
290-310	1.5	.6	.9									2.9	6.3	5.5
320-340	1.5	2.8	1.6	.1								6.0	7.4	7.0
VARIABLE														
CALM	////////////////////											11.4	//////////	
TOTALS	33.1	41.0	12.3	2.0	.2							100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 678

OPERATING LOCATION "A"
USAF TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	3.4	.7									6.6	6.1	6.0
020-040	1.8	1.9	.8									4.4	6.2	6.0
050-070	2.8	1.3	1.2									5.3	5.3	4.0
(E) 080-100	1.2	1.0	.1									2.3	5.0	3.0
110-130	1.7	.2										1.9	2.9	2.0
140-160	2.4	.8	.4									3.7	4.8	4.0
(S) 170-190	5.0	3.0	1.3									9.3	5.2	4.0
200-220	3.6	5.4	1.3									10.3	6.1	6.0
230-250	2.6	3.6	1.3									7.4	6.3	6.0
(W) 260-280	2.0	1.9	1.4	.1								5.4	6.6	6.0
290-310	1.7	4.9	4.0	1.0		.1						11.7	9.0	9.0
320-340	2.3	5.8	3.1	.7								11.9	7.9	7.0
VARIABLE														
CALM	////////////////////											19.7	////////	
TOTALS	29.5	33.2	15.6	1.8		.1						100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	4.0	.7									8.2	5.5	5.0
020-040	2.0	3.0	.3									5.3	5.6	5.5
050-070	2.3	2.0	1.1									5.4	5.9	5.0
(E) 080-100	1.1	1.0	.2									2.3	4.8	5.0
110-130	1.0	.6										1.6	3.6	3.5
140-160	1.8	.7	.2	.1								2.8	4.8	4.0
(S) 170-190	3.8	2.9	1.1									7.8	5.4	5.0
200-220	3.9	3.6	1.9									9.3	6.1	5.0
230-250	2.8	3.0	1.3									7.1	6.0	6.0
(W) 260-280	2.2	2.6	1.2	.2								6.2	6.3	5.0
290-310	2.2	4.3	3.3	.7								10.6	8.2	7.0
320-340	2.4	3.8	3.8	1.3	.2							11.6	9.1	9.0
VARIABLE														
CALM	////////////////////											21.8	////////	
TOTALS	29.1	31.5	15.1	2.3	.2							100.0	5.1	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	4.6	.7		.1							8.4	5.9	6.0
020-040	2.1	3.7	.1									5.9	5.4	6.0
050-070	2.0	2.4	1.0									5.4	6.1	6.0
(E) 080-100	1.3	1.4	.1									2.9	4.8	5.0
110-130	1.0	.2	.3									1.6	4.6	3.0
140-160	1.1	.7	.2									2.0	5.6	4.0
(S) 170-190	3.9	2.2	.8	.1								7.0	5.2	4.0
200-220	4.7	4.3	1.7	.2								10.9	5.9	5.0
230-250	3.3	2.6	.7	.1								6.7	5.5	4.5
(W) 260-280	2.7	3.2	.8	.2								6.9	6.0	5.5
290-310	1.3	3.4	3.0	.9	.1							8.8	9.1	9.0
320-340	1.9	3.6	4.8	.4								10.7	8.8	9.0
VARIABLE														
CALM	////////////////////////////////////											22.9	////////////////////////////////	
TOTALS	28.4	32.3	14.2	1.9	.2							100.0	5.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBR: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1	3.9	3.2									8.2	8.1	8.0
020-040	2.8	3.3	.7									6.8	5.4	5.0
050-070	1.0	3.0	1.3									5.3	7.5	7.5
(E) 080-100	2.6	2.3	.3	.3								5.6	5.7	5.0
110-130	2.2	1.4	.1									3.8	4.3	4.0
140-160	.9	1.3	.6	.2								3.0	7.4	6.0
(S) 170-190	1.4	3.0	1.6	.1								6.1	6.9	6.0
200-220	2.4	5.3	3.4	.4								11.7	7.5	7.0
230-250	3.7	5.4	1.4	.2								10.8	6.2	6.0
(W) 260-280	2.7	3.0	1.0	.2								6.9	6.0	5.0
290-310	1.2	2.7	7.0	1.8	.7							13.3	11.0	11.0
320-340	.8	2.4	6.6	2.0	.6							12.3	11.4	12.0
VARIABLE														
CALM	////////////////////////////////////											6.2	////////	
TOTALS	22.8	37.0	27.2	5.2	1.3							100.0	7.4	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	3.9	.9	.6								7.4	7.2	8.0
020-040	1.8	2.4	.3	.1								4.7	5.9	5.5
050-070	2.3	1.2	1.2									4.8	6.0	5.0
(E) 080-100	2.2	1.3	.7									4.2	5.3	4.0
110-130	1.4	2.1	.4									4.0	6.3	6.0
140-160	2.1	1.2	.6	.2								4.1	5.6	4.0
(S) 170-190	2.0	3.2	1.9	.4								7.6	7.6	7.0
200-220	2.3	6.0	4.9	.8								14.0	8.3	8.0
230-250	3.0	5.1	2.0	.2								10.3	6.7	7.0
(W) 260-280	2.1	3.2	1.3	.3								7.0	7.2	7.0
290-310	1.2	3.2	6.0	2.6	.6							13.6	11.1	11.5
320-340	1.6	3.3	7.1	2.2	.3							14.6	10.6	10.0
VARIABLE														
CALM	////////////////////////////////////											3.8	////////////////////////////////	
TOTALS	24.1	36.1	27.3	7.4	.9							100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.8	3.4	2.0	.3	.1							7.7	7.6	8.0
020-040	1.6	2.9	.4									4.9	5.7	6.0
050-070	1.9	1.3	.8									4.0	5.8	5.0
(E) 080-100	2.6	1.8	.6	.1								5.0	5.8	4.0
110-130	3.7	3.1	.1									6.9	4.8	4.0
140-160	2.4	1.7	1.3	.1								5.6	6.2	6.0
(S) 170-190	3.6	5.6	1.2									10.3	6.0	6.0
200-220	4.4	5.4	1.7	.2								11.8	6.2	6.0
230-250	3.0	2.7	1.1									6.8	5.8	5.0
(W) 260-280	1.2	1.9	1.0	.2								4.3	7.4	6.0
290-310	2.2	3.7	5.3	2.8	1.0							15.0	10.7	10.0
320-340	.7	5.3	5.0	1.4	.1	.1						12.7	10.1	10.0
VARIABLE														
CALM	////////////////////////////////////											5.1	////////////////////////////////	
TOTALS	29.1	38.8	20.5	5.1	1.2	.1						100.0	7.0	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	3.7	1.3									7.4	6.3	6.0
020-040	1.1	2.4	.1									3.7	5.8	5.0
050-070	2.0	1.8	.9									4.7	6.0	5.5
(E) 080-100	3.1	.7	.4	.3								4.6	5.2	4.0
110-130	4.2	.7	.1									5.0	3.3	3.0
140-160	5.0	2.8	.3	.1								8.2	4.7	4.0
(S) 170-190	6.7	5.4	.6									12.7	4.6	4.0
200-220	3.2	4.0	.7									7.9	5.3	5.0
230-250	2.1	1.2	.2									3.6	4.9	4.0
(W) 260-280	1.7	1.7	1.0									4.3	6.3	6.0
290-310	1.4	3.7	4.9	1.1	.1							11.2	9.5	10.0
320-340	2.3	5.4	3.6	1.0	.1							12.4	8.7	8.5
VARIABLE														
CALM	////////////////////////////////////											14.3	////////////////////////////////	
TOTALS	35.2	33.5	14.1	2.5	.2							100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	2.3	3.4	1.3	.1								7.2	6.4	6.0
020-040	1.7	3.0	.4									5.1	5.7	6.0
050-070	1.2	1.8	.7									3.7	6.4	6.0
(E) 080-100	2.4	.6	.7	.1								3.8	5.3	3.5
110-130	2.6	.4	.2									3.2	3.9	3.0
140-160	3.3	2.1	.4									5.9	4.7	4.0
(S) 170-190	6.2	3.6	.8	.3								10.9	5.2	4.0
200-220	2.8	5.0	1.1									8.9	6.1	6.0
230-250	2.6	2.8	.6									5.9	5.8	5.0
(W) 260-280	2.9	1.4	1.3	.2								5.9	6.3	5.0
290-310	2.0	4.7	4.8	.8								12.2	8.6	8.0
320-340	1.8	6.2	3.2	.6	.2							12.0	8.2	8.0
VARIABLE														
CALM	////////////////////////////////////											15.3	////////	
TOTALS	31.8	35.0	15.5	2.1	.2							100.0	5.4	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.4	3.8	1.3	.1	.0							7.7	6.7	6.0
020-040	1.8	2.8	.4	.0							5.1	5.7	6.0	
050-070	1.9	1.9	1.0							4.8	6.1	6.0		
(E) 080-100	2.1	1.3	.4	.1							3.8	5.3	4.0	
110-130	2.2	1.1	.2							3.5	4.4	4.0		
140-160	2.4	1.4	.5	.1							4.4	5.3	4.0	
(S) 170-190	4.1	3.6	1.2	.1							9.0	5.6	5.0	
200-220	3.4	4.9	2.1	.2							10.6	6.6	6.0	
230-250	2.9	3.3	1.1	.1							7.3	6.0	6.0	
(W) 260-280	2.2	2.4	1.1	.2							5.9	6.5	6.0	
290-310	1.7	3.8	4.8	1.4	.3	.0						12.0	9.8	10.0
320-340	1.7	4.5	4.6	1.2	.2	.0						12.3	9.4	9.0
VARIABLE														
CALM	////////////////////////////////////											13.6	////////////////////////////////	
TOTALS	28.8	34.8	18.7	3.5	.5							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	7.3	3.4	.2								12.7	7.8	8.0
020-040	3.8	9.4	1.5	.1								14.8	6.5	7.0
050-070	3.6	6.5	5.3									15.4	7.6	8.0
(E) 080-100	2.2	3.4	1.9	.9								8.5	7.8	7.5
110-130	2.0	1.3	.9									4.2	6.2	5.5
140-160	1.3	.7	1.3	.5								3.8	7.9	8.5
(S) 170-190	2.9	1.9	.9	.1								5.9	5.6	4.5
200-220	1.1	3.5	1.8	.2								6.6	7.8	8.0
230-250	2.4	1.3	.9	.1								4.7	5.9	4.5
(W) 260-280	1.8	1.8	.5									4.0	5.5	5.0
290-310	2.0	2.8	.6	.2								5.6	6.0	5.0
320-340	1.6	2.6	1.6	.5	.1							6.5	8.1	7.0
VARIABLE														
CALM	////////////////////////////////////											7.4	////////////////////////////////	
TOTALS	26.5	42.5	20.6	2.8	.1							100.0	6.5	7.0

TOTAL NUMBER OF OBSERVATIONS 851

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	4.2	.9	.1								9.5	5.4	5.0
020-040	3.0	1.8	.4									5.3	4.9	4.0
050-070	1.5	1.2	.4									3.1	5.2	5.0
(E) 080-100	1.1	.8		.1								1.9	4.7	3.5
110-130	.9	.8	.1									1.7	4.5	4.5
140-160	1.8	.1										1.9	2.7	2.0
(S) 170-190	4.0	2.2	.1	.1								6.3	4.5	4.0
200-220	3.2	6.1	3.0	.2								12.6	7.3	7.0
230-250	2.0	3.9	1.0	.3								7.2	6.7	6.0
(W) 260-280	1.8	2.4	.5	.4	.1							5.3	6.9	5.0
290-310	1.3	4.5	5.3	2.2	.3	.3						13.9	10.6	10.0
320-340	2.6	5.3	3.5	1.0	.1	.1						12.6	8.6	8.0
VARIABLE														
CALM	////////////////////											18.7	////////	
TOTALS	27.5	33.3	15.2	4.4	.5	.4						100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-110	4.7	3.0	.9	.1								8.7	5.2	4.0
020-040	2.9	2.3										5.2	4.4	4.0
050-070	3.2	1.0	.2									4.4	3.9	3.0
(E) 080-100	1.4	.4	.5									2.4	5.5	4.0
110-130	1.0	.6	.1									1.7	4.1	4.0
140-160	1.0	.3	.1									1.4	4.5	4.0
(S) 170-190	4.0	2.3	.4	.1								6.8	4.7	4.0
200-220	3.5	3.8	2.5	.2								10.0	6.8	6.0
230-250	3.7	3.2	1.3									8.2	5.6	5.0
(W) 260-280	2.0	3.0	.5	.4	.1							6.1	6.6	6.0
290-310	1.6	5.3	4.7	1.5	.3	.1						13.5	9.4	9.0
320-340	2.3	5.7	4.2	.8	.1	.3						13.3	8.7	8.0
VARIABLE														
CALM	////////////////////////////////////											18.3	////////	
TOTALS	31.3	30.9	15.4	3.1	.5	.4						100.0	5.4	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIO OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	3.3	1.1									8.1	5.5	5.0
020-040	2.7	3.2	.4									6.3	5.2	5.0
050-070	2.6	1.7	.3									4.6	4.9	4.0
(E) 080-100	1.9	.4										2.4	3.0	2.0
110-130	1.0	1.1	.1									2.2	4.9	5.0
140-160	2.0	.9		.1								3.0	4.0	3.0
(S) 170-190	3.5	1.1	.4	.1								5.2	4.3	3.0
200-220	3.7	4.9	2.4	.3								11.3	6.7	6.0
230-250	3.4	2.9	.4									6.8	5.0	4.0
(W) 260-280	2.2	1.9	.8	.4	.1							5.4	6.7	5.0
290-310	2.5	3.9	3.8	1.3	.3	.1						11.8	9.3	9.0
320-340	2.5	5.5	4.8	1.3	.1	.4						14.6	9.3	9.0
VARIABLE														
CALM	////////////////////											18.4	////////	
TOTALS	31.7	30.8	14.5	3.5	.5	.5						100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	4.6	1.9	.5	.1							9.6	7.5	7.0
020-040	1.3	2.2	.4									3.9	5.8	6.0
050-070	2.4	2.5	.1									4.9	5.0	5.0
(E) 080-100	1.9	1.3	.3									3.5	5.1	4.0
110-130	1.4	1.2	.2									2.8	5.2	4.5
140-160	1.4	1.1	.1									2.6	4.8	4.0
(S) 170-190	2.7	3.2	.4									6.3	5.4	5.0
200-220	3.4	4.9	3.8	.4	.1							12.7	7.6	8.0
230-250	3.0	4.9	1.6	.1								9.7	6.5	6.0
(W) 260-280	1.4	2.7	1.5	.5	.1							6.2	8.0	7.5
290-310	1.0	3.4	4.4	1.9	1.3	.1	.1					12.3	11.7	11.0
320-340	2.7	4.6	6.8	2.5	.2	.1						16.9	10.0	10.0
VARIABLE														
CALM	////////////////////											8.6	////////	
TOTALS	25.0	36.6	21.5	5.9	1.8	.2	.1					100.0	7.2	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	3.5	1.5	.3								8.5	6.4	6.0
020-040	1.5	1.0	.8									3.2	5.8	5.0
050-070	1.5	2.0	.2									3.8	5.4	6.0
(E) 080-100	1.3	1.7	.2									3.2	5.8	5.0
110-130	1.2	1.1										2.3	4.5	4.0
140-160	1.6	1.2	.1									2.9	4.6	4.0
(S) 170-190	1.4	3.4	.9	.2								5.9	7.2	7.0
200-220	2.8	8.2	4.3	.5	.2							16.0	8.0	8.0
230-250	2.7	4.8	1.7	.1								9.4	6.6	6.0
(W) 260-280	2.2	4.3	1.6	.6	.1	.2						9.0	8.1	7.0
290-310	1.7	4.2	6.2	2.6	1.3	.1						16.1	11.3	11.0
320-340	2.6	4.0	6.2	3.1	.9	.1						16.9	10.8	10.0
VARIABLE														
CALM	////////////////////											2.8	////////	
TOTALS	23.6	39.4	23.7	7.4	2.5	.4						100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	3.3	1.5	.1								8.3	6.0	5.0
020-040	1.5	1.0	.1									2.6	4.8	4.0
050-070	2.2	1.7	.6									4.5	5.3	5.0
(E) 080-100	1.7	1.0	.3									3.0	4.9	4.0
110-130	1.6	1.0										2.6	4.4	4.0
140-160	1.8	1.6										3.4	4.4	4.0
(S) 170-190	3.3	5.9	1.7	.1								11.1	6.1	6.0
200-220	4.0	6.2	2.3	.4								12.9	6.6	6.0
230-250	4.1	3.7	.4	.1	.1							8.4	5.5	5.0
(W) 260-280	2.4	2.6	1.3	.3	.2							6.8	7.4	6.0
290-310	1.4	5.7	4.4	2.7	.9	.2						15.3	10.7	10.0
320-340	1.9	5.9	4.6	1.6	.3	.1			.1			14.6	9.8	9.0
VARIABLE														
CALM	////////////////////											6.6	////////	
TOTALS	29.2	39.6	17.2	5.3	1.5	.3			.1			100.0	6.8	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.2	4.2	.6	.2								8.3	5.8	5.0
020-040	2.5	1.2	.2									3.9	4.1	4.0
050-070	2.0	1.8	.1									4.0	4.9	4.0
(E) 080-100	2.6	.9	.2									3.7	4.0	4.0
110-130	3.0	.8										3.8	3.3	3.0
140-160	4.0	1.2	.1									5.3	3.6	3.0
(S) 170-190	7.6	3.8	.4									11.8	4.3	4.0
200-220	4.8	4.9	1.8	.4								12.0	6.2	5.5
230-250	2.3	1.3	.6									4.2	5.4	4.0
(W) 260-280	1.2	2.2	.9	.4	.4							5.1	8.3	7.0
290-310	2.3	4.5	4.0	1.6	.5							12.9	9.9	9.0
320-340	2.3	4.4	3.7	1.2	.3							11.8	9.0	8.0
VARIABLE														
CALM	////////////////////////////////////											13.3	////////////////////////////////	
TOTALS	37.8	31.2	12.6	3.8	1.2							100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LT TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	2.9	1.3	.1								9.2	5.3	4.0
020-040	2.7	1.9	.2									4.8	4.7	4.0
050-070	1.8	1.1	.2									3.1	4.5	4.0
(E) 080-100	.3	.4	.3									1.1	6.5	6.5
110-130	2.7	.6	.1									3.4	3.6	3.0
140-160	2.6	.5										3.1	2.7	2.0
(S) 170-190	3.9	3.0	.4									7.3	5.0	4.0
200-220	5.2	4.7	4.1	.3								14.3	7.1	6.0
230-250	1.8	2.5	1.8	.3								6.5	7.4	8.0
(W) 260-280	1.5	1.9	.3	.4	.1							4.3	7.3	6.0
290-310	.4	4.0	4.7	1.8	.8	.1						11.8	11.3	10.0
320-340	3.4	4.8	4.0	1.7	.3							14.3	8.6	8.0
VARIABLE														
CALM	////////////////////											16.7	////////	
TOTALS	31.2	28.3	17.4	4.6	1.2	.1						100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	3.6	1.2	.2	.0							8.8	5.9	5.0
020-040	2.3	1.8	.3									4.4	4.9	4.0
050-070	2.2	1.6	.3									4.1	4.9	4.0
(E) 080-100	1.5	.9	.2	.0								2.6	4.8	4.0
110-130	1.6	.9	.1									2.6	4.2	4.0
140-160	2.0	.9	.1	.0								3.0	3.9	4.0
(S) 170-190	3.8	3.1	.6	.1								7.6	5.2	4.0
200-220	3.8	5.5	3.0	.4	.0							12.7	7.1	7.0
230-250	2.9	3.4	1.1	.1	.0							7.5	6.1	6.0
(W) 260-280	1.8	2.6	.9	.5	.2	.0						6.0	7.5	6.0
290-310	1.5	4.4	4.7	1.9	.7	.1	.0					13.5	10.5	10.0
320-340	2.5	5.0	4.7	1.6	.3	.1			.0			14.4	9.4	9.0
VARIABLE														
CALM	////////////////////											12.9	////////	
TOTALS	29.6	33.7	17.2	4.8	1.2	.2						100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.0	6.5	1.5	.3	.1							11.4	6.8	6.0
020-040	3.4	5.5	1.8									10.7	6.2	7.0
050-070	3.7	4.1	1.4									9.1	5.8	5.5
(E) 080-100	2.8	2.3	1.8	.1							7.0	6.6	6.0	
110-130	2.7	1.5	.6									4.8	5.3	4.0
140-160	3.3	1.1	.3	.1							4.8	4.3	3.5	
(S) 170-190	2.5	1.9	.3	.1							4.8	4.8	4.0	
200-220	2.7	4.3	4.1	.3							11.3	7.8	8.0	
230-250	1.5	4.2	1.6									7.4	7.0	7.0
(W) 260-280	2.8	3.8	.4									7.0	5.3	5.0
290-310	.9	2.4	1.8	1.0							6.1	9.2	8.0	
320-340	1.5	1.9	1.9	.3							5.6	8.0	8.0	
VARIABLE														
CALM	////////////////////////////////////											10.0	////////	
TOTALS	30.8	39.5	17.5	2.2	.1							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 788

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE URFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: ALL HOURS: ALL

WIND SPEED IN KNOTS															
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN	
(DEGREES)												%	WIND	WIND	
(N) 350-010	3.1	4.0	1.3	.2	.0	.0						8.7	6.4	6.0	
020-040	2.3	2.8	.6	.0	.0						5.7	5.7	5.0		
050-070	2.3	2.1	.6	.0	.0						5.0	5.5	5.0		
(E) 080-100	2.2	1.6	.3	.0						4.1	4.9	4.0			
110-130	2.3	1.7	.2	.0	.0						4.3	4.7	4.0		
140-160	2.4	1.8	.4	.0	.0						4.6	5.1	4.0		
(S) 170-190	4.5	3.2	.8	.1	.0						8.6	5.1	4.0		
200-220	3.6	5.1	2.1	.2	.0	.0						11.1	6.7	6.0	
230-250	3.0	3.6	1.0	.1	.0						7.8	6.0	6.0		
(W) 260-280	2.3	2.3	.8	.2	.0	.0	.0						5.6	6.2	5.0
290-310	1.8	3.8	3.5	1.2	.4	.0	.0	.0				10.7	9.5	9.0	
320-340	2.3	4.4	3.4	.9	.2	.0	.0			.0		11.3	8.7	8.0	
VARIABLE															
CALM	////////////////////////////////////											12.5	////////////////////////////////		
TOTALS	32.1	36.4	15.0	2.9	.6						100.0	5.8	6.0		

TOTAL NUMBER OF OBSERVATIONS: 87665

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	3.4	6.3	2.2	.5	.0	.0					12.5	7.1	7.0
020-040	4.0	7.9	2.4	.3							14.5	6.6	6.0
050-070	4.0	6.3	2.9	.3	.0						13.6	6.8	6.0
(E) 080-100	3.4	3.3	1.4	.1							8.2	5.9	5.0
110-130	2.9	2.1	.6	.1	.0						5.6	5.2	4.0
140-160	2.0	1.7	.9	.2							4.8	6.3	5.0
(S) 170-190	2.5	2.0	.7	.1							5.3	5.6	5.0
200-220	2.1	3.3	1.4	.1							7.0	6.7	6.0
230-250	2.2	2.2	.6	.1	.0						5.2	5.7	5.0
(W) 260-280	1.6	1.3	.2	.1	.0						3.2	5.2	4.0
290-310	1.1	1.6	.8	.3	.1	.0					3.9	7.7	7.0
320-340	1.8	2.6	1.5	.3	.1	.0					6.3	7.6	7.0
VARIABLE													
CALM	////////////////////										10.0	////////	
TOTALS	31.0	40.6	15.6	2.5	.2						100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS: 8963

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DC
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.4	48.5	48.7	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	53.9	55.4	55.6	56.3	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 18000	53.9	55.4	55.6	56.3	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 16000	53.9	55.4	55.6	56.3	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 14000	54.8	56.3	56.6	57.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 12000	56.2	57.7	58.2	58.9	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 10000	60.9	62.4	62.8	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 9000	61.6	63.1	63.5	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 8000	65.8	67.3	68.0	68.8	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 7000	68.0	69.5	70.1	71.1	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 6000	68.2	69.7	70.3	71.3	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 5000	69.8	71.5	72.3	73.5	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4500	72.8	74.9	75.8	77.2	77.7	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4000	73.4	75.6	76.5	77.8	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	75.3	77.7	78.6	80.0	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3000	77.2	79.9	80.8	82.3	83.0	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2500	77.4	80.3	81.3	83.1	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2000	77.8	81.0	81.9	83.9	84.7	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1800	78.0	81.1	82.0	84.0	84.8	84.9	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1500	78.6	81.7	82.8	84.8	85.9	86.0	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	78.6	81.7	82.9	85.1	86.1	86.2	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	79.1	82.4	83.5	85.9	87.0	87.3	87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 900	79.2	82.5	83.7	86.0	87.1	87.4	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 800	79.2	82.5	83.8	86.2	87.4	87.7	88.1	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 700	79.9	83.1	84.5	87.7	89.0	89.4	90.0	90.8	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 600	79.9	83.1	84.5	87.7	89.0	89.4	90.0	91.1	91.1	91.7	92.0	92.2	92.2	92.2	92.2	92.2
GE 500	80.1	83.3	84.8	88.1	89.9	90.4	91.1	92.2	92.3	92.9	93.2	93.3	93.4	93.4	93.4	93.4
GE 400	80.2	83.4	84.9	88.3	90.3	91.4	92.4	93.5	93.8	94.5	94.9	95.1	95.2	95.2	95.2	95.2
GE 300	80.2	83.4	84.9	88.3	90.6	91.9	93.2	94.5	94.8	95.6	96.1	96.3	96.9	96.9	96.9	96.9
GE 200	80.2	83.4	84.9	88.4	90.9	92.2	93.4	95.2	95.6	96.3	97.0	97.3	98.2	98.2	98.3	98.6
GE 100	80.2	83.4	84.9	88.4	90.9	92.2	93.4	95.3	95.7	96.7	97.5	97.8	98.8	98.8	99.2	99.9
GE 000	80.2	83.4	84.9	88.4	90.9	92.2	93.4	95.3	95.7	96.7	97.5	97.8	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.8	46.7	47.6	48.1	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 20000	52.3	53.2	54.2	54.6	54.8	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 18000	52.3	53.2	54.2	54.6	54.8	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 16000	52.3	53.2	54.2	54.6	54.8	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 14000	52.6	53.5	54.5	54.9	55.2	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 12000	53.9	54.8	55.8	56.2	56.5	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 10000	59.7	60.8	61.7	62.2	62.4	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 9000	60.3	61.4	62.4	62.8	63.0	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 8000	64.2	65.4	66.6	67.0	67.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 7000	65.7	66.9	68.1	68.5	68.7	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 6000	65.8	67.0	68.2	68.8	69.0	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 5000	67.3	68.5	70.0	70.9	71.2	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 4500	71.2	72.8	74.5	75.4	76.0	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 4000	72.3	74.0	75.9	77.0	77.6	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3500	73.2	75.9	77.8	78.9	79.9	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 3000	75.3	78.3	80.4	81.7	82.8	83.2	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 2500	75.8	79.4	81.6	83.0	84.1	84.6	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4
GE 2000	76.2	79.9	82.3	83.8	84.8	85.5	86.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
GE 1800	76.3	80.0	82.4	83.9	84.9	85.6	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
GE 1500	77.1	81.0	83.4	84.9	86.1	86.9	88.2	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
GE 1200	77.2	81.1	83.7	85.3	86.6	87.3	88.6	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 1000	77.3	81.2	83.8	85.4	86.8	87.5	88.9	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 900	77.4	81.3	83.9	85.6	87.0	87.7	89.1	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
GE 800	77.5	81.5	84.2	85.9	87.5	88.3	89.8	90.5	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	77.7	81.8	84.5	86.9	88.7	89.6	91.2	91.9	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5
GE 600	77.7	81.8	84.6	87.0	88.8	89.7	91.5	92.3	92.5	92.6	92.9	92.9	93.0	93.0	93.0	93.0
GE 500	78.1	82.4	85.2	87.5	89.4	90.2	92.3	93.1	93.4	93.7	94.0	94.0	94.1	94.1	94.1	94.1
GE 400	78.1	82.4	85.2	87.6	89.6	90.9	93.1	94.3	94.8	95.2	95.6	95.7	95.8	95.8	95.8	95.8
GE 300	78.1	82.4	85.2	87.6	89.6	91.0	93.3	94.5	95.1	95.5	96.1	96.3	96.6	96.6	96.6	96.6
GE 200	78.1	82.4	85.2	87.6	89.8	91.4	93.8	94.9	95.5	96.3	97.0	97.3	97.6	97.6	97.6	98.0
GE 100	78.1	82.4	85.2	87.6	89.8	91.4	93.8	95.1	95.9	96.9	98.0	98.3	99.0	99.0	99.4	99.7
GE 000	78.1	82.4	85.2	87.6	89.8	91.4	93.8	95.1	95.9	96.9	98.0	98.3	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.8	42.3	43.4	43.9	44.3	44.6	44.7	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 20000	46.1	47.7	48.9	49.4	49.8	50.1	50.2	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 18000	46.1	47.7	48.9	49.4	49.8	50.1	50.2	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 16000	46.1	47.7	48.9	49.4	49.8	50.1	50.2	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 14000	46.5	48.1	49.2	49.7	50.1	50.4	50.5	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 12000	47.4	49.0	50.2	50.6	51.1	51.4	51.5	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 10000	53.5	55.3	56.5	56.9	57.4	57.7	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.3
GE 9000	54.5	56.3	57.5	58.0	58.5	58.8	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.4
GE 8000	59.4	61.4	62.9	63.3	64.0	64.3	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.8
GE 7000	60.2	62.3	63.8	64.2	64.8	65.2	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.7
GE 6000	60.6	62.7	64.2	64.6	65.5	65.8	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.3
GE 5000	63.1	65.5	67.1	67.5	68.4	68.7	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.2
GE 4500	66.6	69.4	71.1	71.6	72.5	72.8	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.3
GE 4000	68.8	71.7	73.5	74.1	75.1	75.4	75.7	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.2
GE 3500	70.9	74.0	76.0	76.8	78.0	78.4	78.7	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2
GE 3000	72.7	76.0	78.4	79.2	80.6	81.1	81.5	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.2
GE 2500	73.8	77.7	80.2	81.3	82.8	83.3	83.9	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.6
GE 2000	74.1	78.2	80.9	82.0	83.5	84.2	84.7	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5
GE 1800	74.1	78.2	80.9	82.0	83.7	84.3	84.8	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.6
GE 1500	74.4	78.9	81.8	83.1	84.8	85.5	86.1	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9
GE 1200	74.4	79.1	82.3	83.8	85.6	86.2	87.0	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7
GE 1000	74.6	79.4	82.5	84.2	86.3	87.0	87.7	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.7
GE 900	74.6	79.6	82.7	84.4	86.6	87.3	88.2	88.7	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.4
GE 800	74.6	79.7	82.9	84.7	86.9	87.6	88.6	89.1	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.8
GE 700	74.8	79.9	83.2	85.2	87.3	88.1	89.0	89.6	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.3
GE 600	74.9	80.1	83.8	85.7	88.0	88.8	89.9	90.4	90.8	91.0	91.2	91.2	91.4	91.4	91.4	91.5
GE 500	75.4	80.6	84.4	86.3	88.7	89.6	91.0	91.5	91.8	92.2	92.4	92.4	92.7	92.7	92.7	92.9
GE 400	75.4	80.9	84.8	86.9	89.8	90.6	92.4	93.2	94.0	94.7	95.3	95.3	95.7	95.7	95.7	95.9
GE 300	75.4	80.9	84.8	87.0	90.0	91.1	93.0	94.0	94.8	95.6	96.2	96.2	96.9	96.9	96.9	97.1
GE 200	75.4	80.9	84.9	87.1	90.1	91.2	93.1	94.1	94.9	96.0	97.0	97.0	97.7	97.7	98.0	98.6
GE 100	75.4	80.9	84.9	87.1	90.1	91.2	93.1	94.1	94.9	96.1	97.1	97.2	98.7	98.7	99.4	100.0
GE 000	75.4	80.9	84.9	87.1	90.1	91.2	93.1	94.1	94.9	96.1	97.1	97.2	98.7	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.9	38.3	39.0	39.6	40.1	40.2	40.3	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 20000	43.0	45.8	46.8	47.3	47.8	48.1	48.2	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 18000	43.2	46.0	47.0	47.5	48.1	48.3	48.4	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 16000	43.2	46.0	47.0	47.5	48.1	48.3	48.4	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 14000	43.5	46.3	47.3	47.8	48.4	48.6	48.7	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 12000	43.9	46.7	47.6	48.2	48.7	48.9	49.0	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 10000	49.9	53.3	54.4	55.1	55.6	55.9	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3
GE 9000	51.3	54.7	55.8	56.5	57.0	57.3	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.7	57.7
GE 8000	56.1	60.3	61.5	62.4	63.0	63.4	63.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1
GE 7000	57.3	61.9	63.2	64.3	64.9	65.4	65.6	65.8	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.0
GE 6000	58.1	62.7	64.0	65.1	65.7	66.1	66.3	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8
GE 5000	60.0	64.8	66.2	67.3	68.0	68.4	68.6	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.0
GE 4500	63.4	68.8	70.3	71.5	72.5	72.9	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.5	73.5
GE 4000	66.5	72.4	74.0	75.2	76.1	76.7	76.9	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.3	77.3
GE 3500	68.6	74.9	76.6	77.7	78.8	79.4	79.6	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1
GE 3000	69.8	76.3	78.0	79.4	80.5	81.1	81.5	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.3	82.3
GE 2500	70.3	77.2	78.8	80.3	81.6	82.2	82.7	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4
GE 2000	70.3	77.2	78.8	80.3	81.7	82.3	82.8	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.7	83.7
GE 1800	70.3	77.2	78.8	80.3	81.7	82.4	82.9	83.4	83.4	83.5	83.5	83.5	83.7	83.7	83.8	83.8
GE 1500	70.4	77.4	79.1	80.8	82.4	83.1	83.8	84.5	84.7	84.8	84.8	84.8	84.9	84.9	85.1	85.1
GE 1200	70.6	77.7	79.5	81.2	82.9	83.8	84.5	85.4	85.6	85.8	85.8	85.8	85.9	85.9	86.0	86.0
GE 1000	70.8	77.8	79.7	81.4	83.3	84.4	85.3	86.3	86.6	86.8	86.9	86.9	87.0	87.0	87.1	87.1
GE 900	70.8	77.8	79.7	81.4	83.4	84.6	85.7	86.9	87.1	87.4	87.5	87.5	87.6	87.6	87.7	87.7
GE 800	70.8	78.1	79.9	81.6	83.8	84.9	86.2	87.4	87.6	88.0	88.2	88.2	88.3	88.3	88.4	88.4
GE 700	70.8	78.1	79.9	81.6	84.0	85.5	87.1	88.4	88.6	88.9	89.1	89.1	89.2	89.2	89.4	89.4
GE 600	70.8	78.2	80.0	81.7	84.1	86.0	87.6	88.9	89.2	89.9	90.2	90.2	90.4	90.4	90.5	90.5
GE 500	70.8	78.4	80.2	81.9	84.3	86.7	88.6	89.9	90.2	90.9	91.2	91.2	91.6	91.7	91.8	91.8
GE 400	70.8	78.4	80.2	82.0	84.4	86.8	89.0	90.8	91.6	92.5	93.1	93.1	93.7	93.9	94.1	94.1
GE 300	70.8	78.4	80.2	82.2	84.5	87.1	89.8	92.0	93.0	94.0	95.3	95.3	95.9	96.3	96.8	97.0
GE 200	70.8	78.4	80.2	82.4	84.7	87.3	90.1	92.4	93.3	94.7	96.1	96.1	97.1	98.2	98.7	99.1
GE 100	70.8	78.4	80.2	82.4	84.7	87.3	90.1	92.5	93.4	94.8	96.2	96.2	97.3	98.4	99.0	99.9
GE 000	70.8	78.4	80.2	82.4	84.7	87.3	90.1	92.5	93.4	94.8	96.2	96.2	97.3	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.6	40.5	40.7	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 20000	46.5	48.7	49.0	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 18000	46.9	49.1	49.4	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 16000	46.9	49.1	49.4	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 14000	47.6	49.7	50.1	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 12000	48.2	50.4	50.7	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 10000	54.4	57.1	57.5	58.3	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 9000	55.7	58.3	58.8	59.6	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 8000	59.8	63.6	64.0	65.0	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 7000	61.1	65.3	65.8	66.7	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 6000	61.8	66.0	66.5	67.5	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 5000	62.9	67.5	68.0	69.0	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 4500	65.0	70.1	70.8	71.8	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4000	68.0	74.7	75.5	76.4	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3500	69.6	76.4	77.3	78.3	78.7	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3000	72.6	79.3	80.6	81.7	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2500	72.8	79.8	81.1	82.3	83.1	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 2000	73.3	80.5	81.8	83.1	83.9	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1800	73.3	80.5	81.8	83.1	83.9	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1500	73.5	80.9	82.2	83.6	84.4	85.0	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1200	73.5	81.1	82.3	83.7	84.8	85.6	86.2	86.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1000	73.5	81.3	82.8	84.3	85.8	86.9	87.9	88.2	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6
GE 900	73.5	81.3	82.8	84.3	85.8	86.9	87.9	88.3	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8
GE 800	73.7	81.5	83.0	84.5	86.1	87.4	88.5	88.8	88.9	89.2	89.5	89.5	89.7	89.7	89.7	89.7
GE 700	73.7	81.5	83.0	84.5	86.3	88.1	89.2	89.7	89.8	90.3	90.9	90.9	91.2	91.2	91.2	91.2
GE 600	73.7	81.5	83.0	84.5	86.4	88.2	89.6	90.0	90.2	90.7	91.3	91.3	91.6	91.6	91.6	91.6
GE 500	73.7	81.6	83.1	84.6	86.5	88.3	89.8	90.4	90.6	91.5	92.0	92.0	92.4	92.4	92.4	92.4
GE 400	73.7	81.6	83.1	84.7	86.8	88.8	90.6	91.3	91.8	92.8	93.4	93.4	93.9	93.9	94.0	94.0
GE 300	73.7	81.6	83.2	84.8	87.2	89.8	92.1	93.0	94.5	95.8	96.8	96.9	97.5	97.7	98.1	98.3
GE 200	73.7	81.6	83.2	84.8	87.2	89.8	92.1	93.1	94.7	96.0	97.4	97.5	98.2	98.6	99.1	99.7
GE 100	73.7	81.6	83.2	84.8	87.2	89.8	92.1	93.1	94.7	96.0	97.4	97.5	98.2	98.6	99.1	100.0
GE 000	73.7	81.6	83.2	84.8	87.2	89.8	92.1	93.1	94.7	96.0	97.4	97.5	98.2	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.0	44.2	44.8	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
GE 20000	51.6	53.1	54.0	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 18000	52.2	53.7	54.5	54.8	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 16000	52.2	53.7	54.5	54.8	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 14000	52.8	54.3	55.2	55.5	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 12000	54.5	56.0	56.9	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 10000	59.1	61.0	62.2	62.5	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 9000	59.9	61.8	63.0	63.3	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 8000	63.2	66.0	67.2	67.5	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 7000	64.2	67.3	68.5	68.8	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 6000	65.5	68.6	69.8	70.1	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 5000	66.3	69.6	71.0	71.5	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4500	68.4	71.9	73.4	74.0	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4000	71.5	75.5	77.0	77.6	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	73.3	77.5	79.1	79.8	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3000	75.1	79.4	81.1	81.8	82.3	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 2500	75.4	79.9	81.6	82.4	83.0	83.1	83.2	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 2000	76.3	81.0	82.9	84.0	84.6	84.8	85.1	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1800	76.5	81.1	83.0	84.1	84.7	84.9	85.2	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1500	76.5	81.1	83.1	84.3	85.2	85.4	85.8	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1200	76.7	81.3	83.4	84.6	85.6	85.8	86.3	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1000	76.7	81.4	83.7	84.9	86.1	86.8	87.4	87.7	87.7	88.0	88.0	88.1	88.1	88.1	88.1	88.1
GE 900	76.7	81.4	83.7	85.2	86.3	87.0	87.7	88.3	88.3	88.7	88.8	88.9	88.9	88.9	88.9	88.9
GE 800	76.7	81.4	83.7	85.2	86.7	87.3	88.1	88.6	88.6	89.0	89.2	89.4	89.4	89.4	89.4	89.4
GE 700	76.7	81.4	83.7	85.2	87.1	88.1	89.2	89.8	89.8	90.3	90.6	90.8	90.9	90.9	90.9	90.9
GE 600	76.7	81.4	83.8	85.3	87.3	88.4	89.6	90.1	90.1	90.6	91.0	91.1	91.2	91.2	91.2	91.2
GE 500	76.9	81.6	84.0	85.5	88.0	89.5	91.4	92.0	92.2	93.0	93.3	93.5	93.8	93.8	93.8	93.8
GE 400	76.9	81.6	84.0	85.5	88.2	89.8	92.0	92.7	92.8	94.0	94.3	94.5	94.7	94.7	94.7	94.7
GE 300	76.9	81.6	84.0	85.5	88.2	90.0	92.7	94.0	94.5	95.7	96.1	96.5	96.9	97.2	97.5	97.5
GE 200	76.9	81.6	84.0	85.5	88.2	90.0	92.7	94.2	94.8	96.2	96.9	97.2	97.8	98.5	99.1	99.5
GE 100	76.9	81.6	84.0	85.5	88.2	90.0	92.7	94.2	94.8	96.2	96.9	97.2	98.0	98.6	99.2	100.0
GE 000	76.9	81.6	84.0	85.5	88.2	90.0	92.7	94.2	94.8	96.2	96.9	97.2	98.0	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.2	48.7	48.8	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 20000	54.7	55.4	55.5	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 18000	54.9	55.6	55.7	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 16000	54.9	55.6	55.7	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 14000	55.1	55.7	55.8	56.0	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 12000	57.2	57.8	58.1	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 10000	61.4	62.4	62.7	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 9000	62.0	63.0	63.3	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 8000	65.8	67.1	67.4	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 7000	67.7	69.1	69.5	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 6000	68.9	70.3	70.6	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 5000	70.3	71.7	72.0	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4500	73.0	74.5	74.8	75.3	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 4000	74.6	76.2	76.7	77.2	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3500	76.0	77.6	78.1	78.6	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3000	77.3	79.2	79.9	80.5	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 2500	77.7	79.9	80.6	81.3	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2000	78.6	80.9	81.0	83.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1800	78.6	80.9	82.2	83.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1500	78.7	81.2	82.8	83.9	84.9	84.9	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1200	78.9	81.4	83.2	84.3	85.7	85.7	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1000	79.4	81.9	83.9	84.9	86.5	86.5	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 900	79.5	82.0	84.0	85.1	86.6	86.7	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 800	79.6	82.2	84.2	85.5	87.2	87.4	88.0	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5
GE 700	79.6	82.2	84.3	85.9	88.2	88.5	89.2	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
GE 600	79.7	82.4	84.5	86.2	88.6	88.9	89.7	90.2	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8
GE 500	79.9	82.6	84.7	86.5	89.0	89.5	91.3	92.0	92.4	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 400	79.9	82.6	84.9	86.7	89.7	90.3	92.3	93.1	93.5	94.5	94.6	94.6	94.7	94.7	94.7	94.8
GE 300	79.9	82.6	84.9	86.8	89.9	90.6	93.0	94.4	94.9	96.0	96.3	96.5	96.8	96.8	96.8	96.9
GE 200	79.9	82.6	84.9	86.8	90.1	90.9	93.2	95.3	95.9	97.2	97.6	97.8	98.3	98.3	98.4	98.9
GE 100	79.9	82.6	84.9	86.8	90.1	90.9	93.2	95.3	95.9	97.2	97.7	98.1	98.5	98.6	98.9	99.8
GE 000	79.9	82.6	84.9	86.8	90.1	90.9	93.2	95.3	95.9	97.2	97.7	98.1	98.5	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.1	50.2	50.5	51.1	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 20000	55.4	56.5	56.8	57.4	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 18000	55.6	56.7	57.0	57.6	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 16000	55.6	56.7	57.0	57.6	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 14000	56.2	57.3	57.6	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 12000	58.4	59.9	60.2	60.9	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 10000	63.4	65.2	65.5	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 9000	64.1	65.8	66.1	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 8000	68.7	70.4	70.8	71.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 7000	70.4	72.2	72.5	73.2	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 6000	70.6	72.4	72.7	73.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 5000	71.9	74.0	74.3	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4500	74.0	76.2	76.6	77.4	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4000	75.3	77.6	78.0	78.8	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 3500	76.6	79.0	79.4	80.2	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 3000	77.5	80.2	81.0	81.8	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 2500	78.5	81.2	82.0	83.1	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2000	79.0	81.8	82.8	83.9	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1800	79.0	81.8	82.8	84.1	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1500	79.2	82.3	83.4	84.9	86.0	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1200	79.4	82.4	83.8	85.3	86.5	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1000	79.9	83.2	84.8	86.5	87.8	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 900	79.9	83.2	84.8	86.5	87.8	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 800	80.3	83.7	85.5	87.5	89.0	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 700	80.3	83.7	85.6	87.7	89.6	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 600	80.3	83.8	85.7	88.1	89.9	90.6	91.3	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 500	80.5	84.0	85.9	88.5	91.0	91.7	92.6	93.0	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 400	80.5	84.1	86.0	88.6	91.5	92.6	94.1	94.9	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 300	80.6	84.2	86.1	88.8	91.8	92.9	94.4	95.4	95.8	96.9	96.9	96.9	97.1	97.1	97.1	97.1
GE 200	80.8	84.3	86.2	88.9	91.9	93.0	94.6	96.1	96.6	98.0	98.1	98.1	98.3	98.4	98.6	98.6
GE 100	80.8	84.3	86.2	88.9	91.9	93.0	94.6	96.1	96.6	98.0	98.1	98.2	98.5	98.7	99.4	99.8
GE 000	80.8	84.3	86.2	88.9	91.9	93.0	94.6	96.1	96.6	98.0	98.1	98.2	98.6	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.6	44.9	45.5	45.9	46.3	46.3	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 20000	50.4	52.0	52.6	53.1	53.5	53.5	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 18000	50.6	52.2	52.8	53.3	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 16000	50.6	52.2	52.8	53.3	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 14000	51.1	52.7	53.3	53.8	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 12000	52.5	54.1	54.7	55.2	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 10000	57.8	59.7	60.4	61.0	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 9000	58.7	60.6	61.3	61.9	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6
GE 8000	62.9	65.2	66.0	66.6	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 7000	64.3	66.8	67.7	68.3	68.8	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 6000	64.9	67.4	68.3	69.0	69.4	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 5000	66.5	69.1	70.1	70.9	71.4	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8
GE 4500	69.3	72.3	73.4	74.3	74.8	75.0	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	71.3	74.7	75.9	76.8	77.4	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 3500	72.9	76.7	77.9	78.8	79.5	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3000	74.7	78.6	80.0	81.1	81.9	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 2500	75.2	79.4	80.9	82.1	83.0	83.3	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9
GE 2000	75.7	80.1	81.7	83.0	84.0	84.3	84.7	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1800	75.8	80.1	81.7	83.1	84.1	84.4	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1500	76.1	80.6	82.3	83.8	85.0	85.4	85.9	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
GE 1200	76.2	80.7	82.6	84.2	85.5	85.9	86.5	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1
GE 1000	76.4	81.1	83.1	84.7	86.2	86.8	87.5	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.3
GE 900	76.4	81.1	83.1	84.8	86.3	87.0	87.7	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6
GE 800	76.6	81.3	83.4	85.1	86.8	87.5	88.4	88.9	89.0	89.2	89.3	89.4	89.4	89.4	89.4	89.4
GE 700	76.7	81.4	83.6	85.6	87.5	88.4	89.4	90.1	90.2	90.4	90.6	90.7	90.7	90.7	90.7	90.8
GE 600	76.7	81.5	83.7	85.8	87.8	88.7	89.9	90.5	90.7	91.1	91.4	91.4	91.5	91.5	91.6	91.6
GE 500	76.9	81.8	84.0	86.1	88.3	89.5	91.0	91.8	92.0	92.6	92.8	92.9	93.1	93.1	93.1	93.1
GE 400	76.9	81.9	84.2	86.3	88.8	90.1	92.0	93.0	93.5	94.3	94.7	94.7	95.0	95.0	95.0	95.1
GE 300	76.9	81.9	84.2	86.4	89.0	90.5	92.7	94.0	94.7	95.6	96.2	96.4	96.8	96.9	97.1	97.2
GE 200	77.0	81.9	84.2	86.4	89.1	90.7	92.9	94.4	95.2	96.4	97.1	97.3	97.9	98.2	98.5	98.9
GE 100	77.0	81.9	84.2	86.4	89.1	90.7	92.9	94.4	95.3	96.5	97.4	97.6	98.4	98.7	99.2	99.9
GE 000	77.0	81.9	84.2	86.4	89.1	90.7	92.9	94.4	95.3	96.5	97.4	97.6	98.4	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	E 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.6	50.4	50.9	50.9	51.0	51.1	51.2	51.4	51.4	51.6	51.6	51.8	51.8	51.8	51.8	52.1
GE 20000	54.7	55.8	56.4	56.4	56.7	56.8	57.0	57.1	57.1	57.4	57.4	57.6	57.6	57.6	57.6	57.8
GE 18000	54.8	55.9	56.5	56.5	56.8	56.9	57.1	57.2	57.2	57.5	57.5	57.7	57.7	57.7	57.7	58.0
GE 16000	54.8	55.9	56.5	56.5	56.8	56.9	57.1	57.2	57.2	57.5	57.5	57.7	57.7	57.7	57.7	58.0
GE 14000	55.0	56.2	56.8	56.8	57.0	57.1	57.4	57.5	57.5	57.7	57.7	58.0	58.0	58.0	58.0	58.2
GE 12000	55.5	56.7	57.2	57.2	57.6	57.7	58.0	58.1	58.1	58.3	58.3	58.5	58.5	58.5	58.5	58.8
GE 10000	59.1	60.3	61.1	61.1	61.5	61.6	61.8	62.0	62.0	62.2	62.2	62.4	62.4	62.4	62.4	62.7
GE 9000	59.5	60.7	61.5	61.5	61.8	62.0	62.2	62.3	62.3	62.5	62.5	62.8	62.8	62.8	62.8	63.0
GE 8000	61.8	63.0	64.0	64.0	64.3	64.4	64.7	64.8	64.8	65.0	65.0	65.3	65.3	65.3	65.3	65.5
GE 7000	63.3	64.7	65.8	65.8	66.2	66.3	66.5	66.7	66.7	66.9	66.9	67.1	67.1	67.1	67.1	67.4
GE 6000	63.8	65.3	66.4	66.4	66.8	66.9	67.1	67.3	67.3	67.5	67.5	67.7	67.7	67.7	67.7	68.0
GE 5000	65.3	66.8	68.0	68.0	68.4	68.6	68.8	68.9	68.9	69.1	69.1	69.4	69.4	69.4	69.4	69.6
GE 4500	67.3	68.8	70.1	70.2	70.7	70.8	71.0	71.1	71.1	71.4	71.4	71.6	71.6	71.6	71.6	71.8
GE 4000	68.2	69.8	71.3	71.4	72.0	72.1	72.3	72.4	72.4	72.7	72.8	73.0	73.0	73.0	73.0	73.3
GE 3500	69.8	71.6	73.4	73.5	74.1	74.2	74.4	74.6	74.6	74.8	74.9	75.1	75.1	75.1	75.1	75.4
GE 3000	72.8	74.7	76.4	76.6	77.1	77.3	77.5	77.6	77.6	77.9	78.0	78.2	78.2	78.2	78.2	78.4
GE 2500	73.3	75.3	77.4	77.5	78.2	78.3	78.6	78.7	78.7	78.9	79.0	79.3	79.3	79.3	79.3	79.5
GE 2000	73.7	76.0	78.2	78.6	79.6	79.7	80.0	80.1	80.1	80.3	80.4	80.7	80.7	80.7	80.7	80.9
GE 1800	73.7	76.0	78.2	78.7	79.7	79.9	80.1	80.2	80.2	80.4	80.6	80.8	80.8	80.8	80.8	81.0
GE 1500	74.0	76.3	78.7	79.3	80.7	80.9	81.2	81.4	81.4	81.6	81.7	82.0	82.0	82.0	82.0	82.2
GE 1200	74.4	76.9	79.3	79.9	81.3	81.5	81.7	82.0	82.0	82.2	82.3	82.6	82.6	82.6	82.6	82.8
GE 1000	74.6	77.4	79.9	80.8	82.2	82.7	83.2	83.6	83.6	83.9	84.0	84.2	84.2	84.2	84.2	84.5
GE 900	74.8	77.6	80.2	81.2	82.7	83.2	83.6	84.1	84.1	84.3	84.5	84.7	84.7	84.7	84.7	84.9
GE 800	75.3	78.1	80.8	81.9	83.4	84.0	84.7	85.6	85.6	85.9	86.2	86.5	86.5	86.5	86.5	86.7
GE 700	75.3	78.1	80.8	82.1	83.9	84.6	85.5	86.7	86.7	86.9	87.3	87.5	87.5	87.5	87.5	87.8
GE 600	75.3	78.1	80.8	82.3	84.3	85.2	86.2	87.4	87.4	87.6	88.0	88.2	88.2	88.2	88.2	88.5
GE 500	75.3	78.1	81.2	82.9	85.5	86.8	88.3	89.5	89.5	89.8	90.1	90.3	90.3	90.3	90.3	90.6
GE 400	75.4	78.2	81.3	83.4	86.6	88.2	89.9	91.5	91.8	92.1	92.6	92.8	93.1	93.1	93.4	93.6
GE 300	75.4	78.2	81.3	83.4	86.6	88.6	90.7	93.1	93.6	94.5	94.9	95.3	95.6	95.6	96.0	96.2
GE 200	75.4	78.2	81.3	83.4	86.6	88.6	90.8	93.3	93.9	94.8	95.5	95.9	96.6	96.6	96.9	97.2
GE 100	75.4	78.2	81.3	83.4	86.6	88.6	90.8	93.3	94.0	95.1	95.9	96.2	96.9	97.2	98.4	99.8
GE 000	75.4	78.2	81.3	83.4	86.6	88.6	90.8	93.3	94.0	95.1	95.9	96.2	96.9	97.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.9	47.7	47.8	48.2	48.2	48.4	48.4	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.8
GE 20000	51.1	53.1	53.5	53.8	54.2	54.4	54.4	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.8
GE 18000	51.6	53.6	53.9	54.3	54.7	54.9	54.9	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.2
GE 16000	51.6	53.6	53.9	54.3	54.7	54.9	54.9	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.2
GE 14000	51.6	53.6	53.9	54.3	54.7	54.9	54.9	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.2
GE 12000	52.8	54.8	55.1	55.5	55.8	56.1	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.4
GE 10000	56.4	58.5	59.1	59.5	60.0	60.2	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.5
GE 9000	56.7	58.9	59.6	60.0	60.4	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.1
GE 8000	59.5	62.0	62.7	63.0	63.5	63.7	63.8	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2
GE 7000	60.7	63.1	63.8	64.2	64.7	64.9	65.0	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.4
GE 6000	60.9	63.4	64.1	64.4	64.9	65.1	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.6
GE 5000	62.0	64.4	65.1	65.5	66.1	66.3	66.4	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.8
GE 4500	63.8	66.5	67.5	67.8	68.8	69.0	69.1	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.5
GE 4000	65.8	68.6	69.5	70.0	71.0	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7
GE 3500	67.1	70.1	71.3	72.2	73.4	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3
GE 3000	69.4	72.8	74.3	75.6	76.9	77.4	77.5	77.7	77.7	77.9	77.9	77.9	77.9	77.9	78.0	78.1
GE 2500	70.3	73.7	75.4	76.7	78.2	78.7	78.8	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.3	79.4
GE 2000	71.7	75.5	77.5	78.8	80.6	81.0	81.2	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.7
GE 1800	72.1	75.9	77.9	79.2	80.9	81.4	81.5	81.7	81.7	81.9	81.9	81.9	81.9	81.9	82.0	82.1
GE 1500	72.7	76.4	78.4	79.7	81.5	82.0	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.6	82.7
GE 1200	73.0	76.8	78.8	80.1	82.0	82.6	82.8	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.3	83.4
GE 1000	73.1	77.3	79.4	81.2	83.0	83.6	84.1	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.6	84.7
GE 900	73.1	77.3	79.4	81.3	83.3	83.9	84.3	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.9
GE 800	73.1	77.3	79.6	81.5	83.9	84.6	85.2	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.2
GE 700	73.1	77.3	79.6	81.5	84.1	84.8	85.5	86.3	86.6	86.8	86.8	86.8	86.8	86.8	86.9	87.0
GE 600	73.3	77.4	79.9	81.7	84.6	85.3	86.2	87.0	87.4	87.6	87.6	87.6	87.6	87.6	87.8	87.9
GE 500	73.3	77.5	80.0	82.0	85.4	86.2	87.6	88.6	88.9	89.2	89.4	89.4	89.4	89.4	89.5	89.6
GE 400	73.3	77.5	80.0	82.0	85.7	86.7	88.7	89.8	90.2	90.6	90.8	90.8	90.8	90.8	91.3	91.4
GE 300	73.3	77.5	80.0	82.1	86.1	87.2	89.4	91.2	92.0	92.3	92.6	92.7	92.8	92.8	93.3	93.4
GE 200	73.3	77.5	80.0	82.2	86.3	87.8	90.1	92.3	93.4	94.3	95.3	95.5	95.6	95.6	96.2	96.7
GE 100	73.3	77.5	80.0	82.2	86.5	87.9	90.5	92.7	93.8	94.7	95.8	96.0	96.3	96.6	97.6	99.2
GE 000	73.3	77.5	80.0	82.2	86.5	87.9	90.5	92.7	93.8	94.7	95.8	96.0	96.3	96.6	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.7	43.8	44.6	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.1
GE 20000	45.0	50.3	51.4	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.2
GE 18000	45.0	50.3	51.4	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.2
GE 16000	45.0	50.3	51.4	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.2
GE 14000	45.2	50.5	51.6	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.4
GE 12000	47.6	53.0	54.2	54.5	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0	55.1
GE 10000	51.2	57.0	58.3	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.4
GE 9000	51.6	57.4	58.7	59.1	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	60.0	60.1
GE 8000	55.0	61.2	62.8	63.3	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.2
GE 7000	57.7	64.0	65.6	66.1	66.5	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.1
GE 6000	58.3	64.5	66.2	66.7	67.1	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.7
GE 5000	58.9	65.1	66.8	67.4	67.8	68.1	68.1	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.6
GE 4500	60.8	67.7	69.6	70.4	70.9	71.1	71.1	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.6	71.7
GE 4000	62.5	69.8	71.7	72.6	73.0	73.3	73.3	73.4	73.5	73.6	74.0	74.0	74.0	74.0	74.1	74.2
GE 3500	63.4	70.8	72.7	73.5	74.0	74.2	74.2	74.4	74.7	74.9	75.3	75.3	75.3	75.3	75.4	75.5
GE 3000	64.3	71.8	73.9	74.7	75.3	75.5	75.5	75.7	76.0	76.2	76.6	76.6	76.6	76.6	76.7	76.8
GE 2500	65.4	73.0	75.3	76.2	77.8	77.1	77.1	77.4	77.6	77.9	78.2	78.2	78.2	78.2	78.3	78.4
GE 2000	66.5	74.3	76.7	78.0	78.9	79.3	79.3	79.5	79.7	80.0	80.3	80.3	80.3	80.3	80.4	80.6
GE 1800	66.9	74.7	77.0	78.3	79.5	80.0	80.0	80.2	80.4	80.7	81.0	81.0	81.0	81.0	81.2	81.3
GE 1500	67.3	75.1	77.7	79.0	80.3	80.9	81.2	81.4	81.6	81.9	82.3	82.3	82.3	82.3	82.4	82.6
GE 1200	67.5	75.5	78.2	79.5	80.9	81.6	81.9	82.1	82.4	82.7	83.2	83.2	83.2	83.2	83.3	83.4
GE 1000	67.7	75.7	78.7	80.2	82.3	83.4	83.9	84.1	84.5	84.8	85.3	85.3	85.3	85.3	85.4	85.5
GE 900	67.7	75.7	78.7	80.2	82.4	83.5	84.0	84.2	84.6	84.9	85.4	85.4	85.4	85.4	85.5	85.6
GE 800	67.7	75.7	78.7	80.2	82.6	83.7	84.5	84.9	85.4	85.7	86.2	86.2	86.2	86.2	86.3	86.5
GE 700	67.7	75.9	78.8	80.4	82.8	84.2	85.0	85.5	86.0	86.6	87.3	87.3	87.3	87.3	87.4	87.5
GE 600	67.7	75.9	78.9	80.8	83.3	84.9	85.7	86.2	86.7	87.3	88.0	88.0	88.0	88.0	88.1	88.2
GE 500	67.8	76.1	79.4	81.6	84.2	85.9	87.4	88.3	88.8	89.6	90.3	90.3	90.3	90.3	90.5	90.6
GE 400	67.8	76.1	79.5	82.0	84.8	86.6	88.6	89.6	90.2	91.2	92.3	92.5	92.5	92.5	92.6	92.7
GE 300	67.8	76.1	79.5	82.2	85.3	87.3	89.4	90.7	91.5	92.8	94.0	94.1	94.1	94.1	94.5	94.7
GE 200	67.8	76.1	79.5	82.2	85.5	87.6	90.1	91.8	92.8	94.3	96.1	96.2	96.3	96.7	97.3	97.6
GE 100	67.8	76.1	79.5	82.2	85.5	87.6	90.1	91.8	93.1	94.6	96.3	96.6	96.7	97.3	98.5	99.6
GE 000	67.8	76.1	79.5	82.2	85.5	87.6	90.1	91.8	93.1	94.6	96.3	96.6	96.7	97.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 09-11

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0	
NO CEIL	40.4	43.1	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.8	44.1	
GE 20000	48.8	52.3	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.4	53.6	
GE 18000	48.9	52.5	53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.6	53.8	
GE 16000	48.9	52.5	53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.6	53.8	
GE 14000	49.2	52.9	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.9	54.2	
GE 12000	51.1	54.8	55.5	55.6	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	56.1	56.3	
GE 10000	55.5	59.2	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.7	60.9	
GE 9000	56.9	60.8	61.5	61.7	62.0	62.0	62.0	62.0	62.0	62.1	62.2	62.2	62.2	62.2	62.3	62.5	
GE 8000	60.0	64.3	65.0	65.3	65.6	65.6	65.6	65.6	65.6	65.7	65.8	65.8	65.8	65.8	66.0	66.2	
GE 7000	61.1	65.7	66.7	66.9	67.4	67.4	67.5	67.5	67.5	67.7	67.8	67.8	67.8	67.8	68.0	68.2	
GE 6000	61.4	66.1	67.0	67.3	67.7	67.7	67.8	67.8	67.8	68.1	68.2	68.2	68.2	68.2	68.3	68.6	
GE 5000	63.0	67.7	68.9	69.3	69.7	69.8	70.0	70.0	70.0	70.2	70.3	70.3	70.3	70.3	70.4	70.7	
GE 4500	64.9	70.2	71.5	71.8	72.3	72.4	72.6	72.6	72.6	72.8	72.9	72.9	72.9	72.9	73.0	73.3	
GE 4000	66.5	72.6	73.9	74.2	74.7	74.8	74.9	74.9	74.9	75.1	75.4	75.4	75.4	75.4	75.5	75.7	
GE 3500	68.1	74.4	75.7	76.2	76.9	77.0	77.1	77.1	77.1	77.4	77.6	77.6	77.6	77.6	77.7	78.0	
GE 3000	69.4	76.0	77.3	77.9	78.6	78.7	78.8	78.8	78.8	79.2	79.4	79.4	79.4	79.4	79.5	79.7	
GE 2500	69.8	76.6	78.1	78.8	79.9	80.1	80.3	80.3	80.3	80.7	80.9	80.9	80.9	80.9	81.0	81.3	
GE 2000	70.0	76.8	78.4	79.5	80.8	81.0	81.3	81.3	81.3	81.7	82.0	82.0	82.0	82.0	82.1	82.3	
GE 1800	70.0	77.0	78.7	79.7	81.0	81.3	81.5	81.5	81.5	82.0	82.2	82.2	82.2	82.2	82.3	82.6	
GE 1500	70.0	77.3	78.9	80.0	81.5	82.0	82.3	82.4	82.6	83.2	83.5	83.5	83.5	83.5	83.6	83.9	
GE 1200	70.0	77.3	78.9	80.0	81.5	82.1	82.4	82.6	82.7	83.3	83.6	83.6	83.6	83.6	83.7	84.0	
GE 1000	70.2	77.6	79.5	81.0	82.8	83.9	84.7	84.8	84.9	85.5	86.0	86.0	86.0	86.0	86.1	86.3	
GE 900	70.2	77.6	79.5	81.0	82.8	83.9	84.8	84.9	85.0	85.6	86.1	86.1	86.1	86.1	86.2	86.5	
GE 800	70.2	77.7	79.6	81.5	83.4	84.5	85.9	86.3	86.5	87.0	87.6	87.8	87.9	87.9	88.0	88.2	
GE 700	70.2	77.9	79.9	81.7	83.6	84.7	86.3	86.8	86.9	87.6	88.2	88.3	88.5	88.5	88.6	88.8	
GE 600	70.2	77.9	80.2	82.2	84.1	85.2	86.9	87.5	87.6	88.3	89.0	89.2	89.4	89.4	89.5	89.8	
GE 500	70.2	78.0	80.4	82.6	84.5	85.7	87.8	88.3	88.8	90.0	91.0	91.2	91.4	91.4	91.5	91.8	
GE 400	70.2	78.0	80.4	82.6	84.8	86.3	89.0	90.2	91.0	92.3	93.5	93.6	93.9	93.9	94.0	94.2	
GE 300	70.2	78.0	80.4	82.6	84.8	86.5	89.3	90.9	92.0	93.6	95.1	95.2	95.5	95.5	95.9	96.1	
GE 200	70.2	78.0	80.4	82.6	84.8	86.5	89.4	91.3	92.6	94.7	96.1	96.2	97.2	97.4	98.2	98.8	
GE 100	70.2	78.0	80.4	82.6	84.8	86.5	89.4	91.3	92.6	94.8	96.2	96.3	97.3	97.5	98.9	99.9	
GE 000	70.2	78.0	80.4	82.6	84.8	86.5	89.4	91.3	92.6	94.8	96.2	96.3	97.3	97.5	98.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.5	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.5	43.5	43.5	43.5
GE 20000	50.2	52.5	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2
GE 18000	50.3	52.7	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4
GE 16000	50.3	52.7	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4
GE 14000	51.2	53.6	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3
GE 12000	53.9	56.5	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
GE 10000	57.6	60.3	60.8	60.8	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.4	61.4	61.4	61.4
GE 9000	58.3	61.0	61.5	61.5	61.7	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1
GE 8000	61.0	64.4	65.0	65.1	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8
GE 7000	62.3	65.7	66.3	66.4	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1
GE 6000	62.9	66.4	67.0	67.1	67.4	67.6	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0
GE 5000	65.6	69.3	69.8	70.0	70.3	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9
GE 4500	68.2	72.4	73.0	73.1	73.5	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2
GE 4000	70.3	75.1	75.9	76.1	76.7	76.9	77.4	77.4	77.4	77.4	77.4	77.6	77.7	77.7	77.7	77.7
GE 3500	70.9	76.2	77.3	77.5	78.1	78.3	78.8	78.8	78.8	78.8	78.8	79.0	79.2	79.2	79.2	79.2
GE 3000	73.1	78.7	79.7	80.0	80.6	80.8	81.3	81.3	81.3	81.3	81.3	81.5	81.6	81.6	81.6	81.6
GE 2500	73.9	79.5	80.8	81.2	81.7	82.0	82.6	82.7	82.7	82.7	82.7	82.9	83.0	83.0	83.0	83.0
GE 2000	74.3	80.2	81.6	82.0	82.7	82.9	83.5	83.6	83.6	83.6	83.6	83.9	84.0	84.0	84.0	84.0
GE 1800	74.4	80.3	81.7	82.1	82.8	83.0	83.6	83.7	83.7	83.7	83.7	84.0	84.1	84.1	84.1	84.1
GE 1500	75.0	81.5	83.2	83.5	84.3	84.7	85.3	85.4	85.5	85.5	85.5	85.7	85.9	85.9	85.9	85.9
GE 1200	75.0	81.5	83.6	84.2	85.4	85.7	86.7	86.8	87.0	87.2	87.4	87.5	87.5	87.5	87.5	87.5
GE 1000	75.1	81.9	84.0	84.7	86.5	86.8	88.0	88.2	88.5	88.6	88.8	88.9	88.9	88.9	88.9	88.9
GE 900	75.3	82.1	84.5	85.3	87.0	87.4	88.6	88.8	89.0	89.2	89.4	89.5	89.5	89.5	89.5	89.5
GE 800	75.4	82.3	84.7	85.5	87.4	88.2	89.6	90.2	90.5	90.6	90.8	90.9	90.9	90.9	90.9	90.9
GE 700	75.5	82.4	85.0	85.9	87.8	88.7	90.2	91.3	91.6	91.8	92.2	92.3	92.6	92.6	92.6	92.6
GE 600	75.6	82.6	85.2	86.1	88.1	89.2	90.8	92.0	92.3	92.5	92.9	93.1	93.3	93.3	93.3	93.3
GE 500	75.7	82.7	85.4	86.3	88.3	89.4	91.3	92.8	93.5	93.9	94.8	94.9	95.2	95.2	95.2	95.2
GE 400	75.7	82.7	85.4	86.3	88.5	90.1	92.3	94.1	94.9	95.5	96.8	96.9	97.2	97.2	97.2	97.2
GE 300	75.7	82.7	85.4	86.3	88.5	90.1	92.3	94.3	95.4	96.1	97.5	97.6	97.9	97.9	97.9	97.9
GE 200	75.7	82.7	85.4	86.3	88.5	90.1	92.5	94.5	95.5	96.3	97.9	98.1	98.5	98.6	98.7	98.7
GE 100	75.7	82.7	85.4	86.3	88.5	90.1	92.5	94.5	95.5	96.3	97.9	98.1	98.6	98.9	99.1	100.0
GE 000	75.7	82.7	85.4	86.3	88.5	90.1	92.5	94.5	95.5	96.3	97.9	98.1	98.6	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFILAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.8	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 20000	49.9	51.6	51.9	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 18000	50.2	51.8	52.2	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 16000	50.2	51.8	52.2	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 14000	51.0	52.7	53.0	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 12000	53.7	55.6	55.9	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 10000	58.5	60.7	61.0	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 9000	59.0	61.2	61.6	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 8000	61.7	65.0	65.5	65.6	65.7	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 7000	64.0	67.5	68.2	68.3	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 6000	64.1	67.6	68.4	68.6	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 5000	65.7	69.6	70.4	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 4500	68.3	72.3	73.3	73.5	73.6	73.7	73.7	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0
GE 4000	71.0	75.4	76.3	76.6	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0
GE 3500	72.0	76.6	77.7	78.0	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7
GE 3000	73.6	78.4	79.6	80.1	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8
GE 2500	75.1	80.4	81.6	82.2	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
GE 2000	76.1	81.4	82.8	83.4	83.7	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
GE 1800	76.1	81.5	82.9	83.5	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.5	84.5	84.5	84.5
GE 1500	76.6	82.3	84.3	85.2	85.9	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8
GE 1200	76.7	82.6	85.0	86.5	87.8	88.2	88.5	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
GE 1000	77.1	83.0	85.6	87.0	88.9	89.4	89.9	90.5	90.6	90.7	90.7	90.8	90.9	90.9	90.9	90.9
GE 900	77.1	83.0	85.6	87.0	89.0	89.5	90.0	90.7	90.8	90.9	90.9	91.0	91.2	91.2	91.2	91.2
GE 800	77.3	83.2	85.9	87.5	90.0	90.6	91.2	92.2	92.5	92.6	92.8	92.9	93.1	93.1	93.1	93.1
GE 700	77.3	83.2	85.9	87.5	90.0	90.6	91.3	92.3	92.6	92.9	93.3	93.4	93.5	93.6	93.6	93.6
GE 600	77.3	83.2	85.9	87.5	90.0	90.6	91.3	92.5	92.7	93.1	93.4	93.5	93.6	93.8	93.8	93.8
GE 500	77.4	83.3	86.0	87.6	90.1	91.0	91.9	93.3	93.8	94.1	94.9	95.1	95.3	95.5	95.5	95.5
GE 400	77.4	83.3	86.0	87.6	90.2	91.2	92.1	94.0	94.7	95.1	95.9	96.0	96.2	96.6	96.6	96.6
GE 300	77.4	83.3	86.0	87.6	90.2	91.2	92.1	94.0	94.9	95.3	96.5	96.7	96.9	97.4	97.5	97.5
GE 200	77.4	83.3	86.0	87.6	90.2	91.2	92.2	94.2	95.3	95.8	97.1	97.4	97.9	98.5	98.9	99.2
GE 100	77.4	83.3	86.0	87.6	90.2	91.2	92.2	94.2	95.3	95.8	97.1	97.4	97.9	98.8	99.4	99.9
GE 000	77.4	83.3	86.0	87.6	90.2	91.2	92.2	94.2	95.3	95.8	97.1	97.4	97.9	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.2	48.5	48.8	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 20000	53.8	55.6	55.8	55.9	55.9	55.9	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 18000	53.8	55.6	55.8	55.9	55.9	55.9	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 16000	53.8	55.6	55.8	55.9	55.9	55.9	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 14000	54.8	56.5	56.8	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 12000	56.7	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 10000	61.0	63.1	63.4	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 9000	61.5	63.6	63.8	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 8000	64.7	67.1	67.4	67.5	67.5	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 7000	66.5	69.1	69.4	69.5	69.5	69.5	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 6000	67.3	70.0	70.2	70.3	70.3	70.3	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 5000	69.0	72.2	72.6	72.9	72.9	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 4500	70.4	73.9	74.4	74.8	74.8	74.8	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4000	72.0	75.5	76.3	76.9	76.9	76.9	77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	73.7	77.7	78.8	79.9	79.9	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 3000	75.1	79.3	80.4	81.5	81.5	81.6	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 2500	75.6	80.1	81.3	82.3	82.3	82.4	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2000	77.5	82.0	83.3	84.6	84.7	85.2	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1800	77.5	82.0	83.3	84.6	84.7	85.2	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1500	77.9	82.4	84.0	85.6	85.9	86.3	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	78.2	82.8	84.6	86.5	86.9	87.4	87.6	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1000	78.4	83.0	84.9	86.8	87.5	88.0	88.3	88.6	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9
GE 900	78.4	83.0	84.9	86.9	87.8	88.2	88.6	88.8	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3
GE 800	78.6	83.3	85.3	87.6	88.9	89.5	90.0	90.6	90.8	91.0	91.5	91.5	91.5	91.5	91.5	91.5
GE 700	78.6	83.3	85.4	87.9	89.2	89.8	90.6	91.3	91.5	91.9	92.3	92.3	92.3	92.3	92.3	92.3
GE 600	78.8	83.5	85.6	88.1	89.5	90.1	91.0	91.8	92.0	92.3	92.8	92.8	92.8	92.8	92.8	92.8
GE 500	78.8	83.5	85.6	88.1	89.5	90.3	91.5	92.5	92.8	93.6	94.1	94.1	94.2	94.2	94.2	94.2
GE 400	78.8	83.5	85.6	88.1	89.8	90.6	92.1	93.5	93.9	94.8	95.5	95.5	95.6	95.6	95.6	95.6
GE 300	78.8	83.5	85.6	88.1	89.8	90.6	92.1	93.8	94.2	95.4	96.1	96.1	96.5	96.6	96.6	96.7
GE 200	78.8	83.5	85.6	88.1	89.8	90.6	92.1	93.8	94.6	96.1	97.1	97.1	97.5	97.8	97.9	98.1
GE 100	78.8	83.5	85.6	88.1	89.8	90.6	92.1	93.8	94.6	96.1	97.5	97.5	98.1	98.5	98.8	99.8
GE 000	78.8	83.5	85.6	88.1	89.8	90.6	92.1	93.8	94.6	96.1	97.5	97.5	98.1	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.0	50.8	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 20000	55.1	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 18000	55.1	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 16000	55.1	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 14000	55.8	58.1	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 12000	56.4	58.7	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 10000	60.2	62.5	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 9000	60.5	62.9	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 8000	63.6	66.1	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 7000	64.9	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	66.1	68.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 5000	67.6	70.8	71.0	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 4500	69.3	72.8	73.3	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4000	71.3	74.9	75.4	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3500	71.8	75.5	76.3	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 3000	73.9	77.5	78.4	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 2500	74.8	78.6	79.6	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 2000	76.0	80.3	81.9	82.6	82.6	82.7	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1800	76.1	80.4	82.0	82.8	82.8	82.9	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1500	76.7	81.3	83.2	84.0	84.0	84.2	84.3	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1200	77.1	81.7	83.6	84.5	84.5	84.7	84.8	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1000	77.7	82.4	84.5	85.5	85.7	86.2	86.5	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 900	77.7	82.4	84.5	85.5	85.7	86.2	86.5	86.8	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2
GE 800	78.0	82.7	84.8	85.9	86.5	86.9	87.2	87.9	88.2	88.8	88.9	88.9	88.9	88.9	88.9	88.9
GE 700	78.2	82.9	85.2	86.3	87.3	87.9	88.2	89.0	89.4	90.3	90.5	90.5	90.5	90.5	90.5	90.5
GE 600	78.2	82.9	85.2	86.5	87.4	88.3	88.8	89.6	90.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2
GE 500	78.2	82.9	85.3	86.7	88.1	89.4	90.6	91.5	92.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3
GE 400	78.2	82.9	85.4	86.8	88.2	89.5	91.2	92.3	92.8	94.1	94.3	94.3	94.6	94.7	94.7	94.7
GE 300	78.2	82.9	85.4	86.8	88.2	89.6	91.5	93.2	93.9	95.5	96.0	96.0	96.3	96.5	96.5	96.5
GE 200	78.2	82.9	85.4	86.8	88.2	89.6	91.5	93.3	94.0	95.9	96.7	96.7	97.2	97.3	97.3	97.4
GE 100	78.2	82.9	85.4	86.8	88.2	89.6	91.5	93.3	94.0	95.9	96.7	96.8	97.3	97.6	97.8	99.4
GE 000	78.2	82.9	85.4	86.8	88.2	89.6	91.5	93.3	94.0	95.9	96.7	96.8	97.3	97.6	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.4	46.3	46.6	46.7	46.7	46.8	46.8	46.8	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.1
GE 20000	51.1	53.6	54.0	54.2	54.3	54.4	54.4	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.7
GE 18000	51.2	53.7	54.2	54.3	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8
GE 16000	51.2	53.7	54.2	54.3	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8
GE 14000	51.7	54.3	54.7	54.9	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.4
GE 12000	53.5	56.1	56.6	56.7	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.3
GE 10000	57.4	60.2	60.8	61.0	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.6
GE 9000	58.0	60.8	61.4	61.6	61.8	61.9	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.2	62.2
GE 8000	60.9	64.1	64.8	65.0	65.3	65.4	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.8
GE 7000	62.6	65.9	66.7	66.9	67.1	67.3	67.3	67.4	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.7
GE 6000	63.1	66.5	67.3	67.5	67.7	67.8	67.9	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.3
GE 5000	64.6	68.2	69.1	69.4	69.7	69.8	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.2	70.3
GE 4500	66.6	70.6	71.6	71.9	72.3	72.4	72.5	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.9
GE 4000	68.5	72.7	73.8	74.2	74.6	74.7	74.9	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.3	75.4
GE 3500	69.6	74.1	75.4	75.9	76.4	76.6	76.7	76.8	76.9	77.0	77.1	77.1	77.1	77.1	77.2	77.3
GE 3000	71.5	76.1	77.5	78.1	78.7	78.8	79.0	79.1	79.1	79.2	79.4	79.4	79.4	79.4	79.5	79.5
GE 2500	72.3	77.1	78.7	79.4	80.0	80.2	80.4	80.5	80.5	80.6	80.8	80.8	80.8	80.8	80.9	80.9
GE 2000	73.2	78.3	80.1	80.9	81.7	82.0	82.2	82.3	82.3	82.5	82.6	82.7	82.7	82.7	82.7	82.8
GE 1800	73.4	78.5	80.2	81.1	81.9	82.2	82.4	82.6	82.6	82.7	82.9	82.9	82.9	82.9	83.0	83.1
GE 1500	73.7	79.1	81.1	82.0	83.0	83.4	83.7	83.9	84.0	84.1	84.3	84.3	84.3	84.3	84.4	84.5
GE 1200	74.0	79.4	81.5	82.6	83.8	84.2	84.6	84.8	84.9	85.1	85.2	85.2	85.3	85.3	85.3	85.4
GE 1000	74.3	79.8	82.1	83.4	84.9	85.5	86.1	86.4	86.5	86.7	86.9	87.0	87.0	87.0	87.0	87.1
GE 900	74.3	79.9	82.2	83.6	85.1	85.7	86.3	86.6	86.7	87.0	87.2	87.2	87.2	87.2	87.3	87.4
GE 800	74.4	80.0	82.4	84.0	85.7	86.5	87.3	88.0	88.2	88.5	88.8	88.8	88.9	88.9	88.9	89.0
GE 700	74.5	80.1	82.6	84.2	86.1	86.9	87.8	88.7	88.9	89.4	89.7	89.8	89.9	89.9	89.9	90.0
GE 600	74.5	80.2	82.7	84.4	86.4	87.3	88.4	89.3	89.5	90.0	90.4	90.4	90.5	90.5	90.6	90.7
GE 500	74.6	80.3	82.9	84.7	87.0	88.1	89.5	90.6	91.0	91.7	92.3	92.3	92.4	92.5	92.5	92.6
GE 400	74.6	80.3	83.0	84.8	87.3	88.6	90.5	91.9	92.4	93.2	94.0	94.1	94.2	94.3	94.4	94.5
GE 300	74.6	80.3	83.0	84.9	87.4	88.9	90.9	92.6	93.4	94.4	95.3	95.5	95.7	95.8	96.0	96.1
GE 200	74.6	80.3	83.0	84.9	87.5	89.0	91.1	93.1	94.0	95.3	96.5	96.6	97.1	97.3	97.7	98.0
GE 100	74.6	80.3	83.0	84.9	87.5	89.0	91.1	93.1	94.1	95.4	96.7	96.9	97.4	97.8	98.6	99.7
GE 000	74.6	80.3	83.0	84.9	87.5	89.0	91.1	93.1	94.1	95.4	96.7	96.9	97.4	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.6	55.9	56.2	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 20000	60.3	60.6	61.0	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 18000	60.3	60.6	61.0	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 16000	60.3	60.6	61.0	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 14000	60.4	60.8	61.1	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 12000	61.2	61.5	61.8	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 10000	64.9	65.3	65.6	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 9000	65.5	65.8	66.1	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 8000	68.2	68.6	68.9	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 7000	70.4	71.0	71.3	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	70.5	71.1	71.4	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 5000	72.2	72.7	73.0	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4500	75.2	75.9	76.5	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4000	76.6	77.5	78.1	78.7	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 3500	78.2	79.2	79.9	80.6	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3000	79.4	80.8	81.6	82.4	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2500	79.9	81.7	82.6	83.3	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2000	80.9	82.9	83.8	84.5	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1800	81.1	83.1	84.0	84.7	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1500	81.6	83.9	84.9	85.8	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1200	81.7	84.1	85.3	86.2	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1000	81.9	84.4	85.7	86.7	87.3	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 900	81.9	84.4	85.8	86.9	87.6	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 800	82.3	84.9	86.5	87.7	88.7	89.4	89.6	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 700	82.4	85.4	87.3	88.6	89.8	90.6	90.9	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 600	82.4	85.4	87.5	88.8	90.0	90.9	91.1	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 500	82.4	85.5	87.7	89.4	90.8	91.9	92.5	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 400	82.4	85.5	88.0	90.0	91.8	93.1	94.5	95.5	95.6	96.2	96.6	96.6	96.6	96.6	96.6	96.6
GE 300	82.4	85.5	88.0	90.1	92.0	93.3	94.8	95.9	96.0	96.7	97.0	97.0	97.0	97.0	97.1	97.3
GE 200	82.4	85.5	88.0	90.3	92.5	93.8	95.5	96.9	97.3	98.4	98.8	98.8	99.0	99.1	99.4	99.6
GE 100	82.4	85.5	88.0	90.3	92.5	93.8	95.5	96.9	97.3	98.4	98.8	98.8	99.0	99.1	99.6	99.9
GE 000	82.4	85.5	88.0	90.3	92.5	93.8	95.5	96.9	97.3	98.4	98.8	98.8	99.0	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.5	52.2	52.7	53.7	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 20000	55.1	55.8	56.3	57.3	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000	55.1	55.8	56.3	57.3	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 16000	55.1	55.8	56.3	57.3	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 14000	55.5	56.2	56.8	57.7	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 12000	56.5	57.2	57.7	58.7	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 10000	61.4	62.4	62.9	63.9	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 9000	62.2	63.1	63.7	64.6	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 8000	65.1	66.0	66.8	67.7	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 7000	66.3	67.3	68.1	69.0	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 6000	66.5	67.4	68.2	69.1	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 5000	68.2	69.4	70.1	71.1	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4500	71.1	72.6	73.3	74.5	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 4000	71.8	73.5	74.4	75.6	76.7	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3500	73.5	75.4	76.5	77.7	78.8	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3000	74.9	77.3	78.5	79.9	81.0	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2500	76.5	79.1	80.6	82.2	83.3	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2000	76.9	79.8	81.3	82.9	84.2	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1800	77.0	79.9	81.5	83.1	84.4	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1500	77.7	80.9	82.6	84.2	85.6	86.0	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1200	77.7	81.0	82.7	84.3	85.7	86.1	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1000	78.1	81.4	83.1	84.8	86.3	86.8	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 900	78.1	81.5	83.3	85.1	86.6	87.0	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 800	78.1	81.6	83.8	85.8	87.4	87.8	88.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 700	78.1	81.6	84.0	86.3	88.1	89.1	90.3	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 600	78.2	81.8	84.5	87.2	88.9	90.1	91.3	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 500	78.3	82.3	85.3	88.3	90.1	91.5	92.9	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 400	78.3	82.7	85.8	89.1	91.2	92.7	94.5	95.4	95.7	95.9	96.0	96.1	96.2	96.2	96.2	96.2
GE 300	78.3	82.7	85.9	89.4	91.5	93.1	95.1	96.7	97.1	97.4	97.5	97.6	97.7	97.7	97.7	97.7
GE 200	78.3	82.7	85.9	89.5	91.8	93.5	95.7	97.3	97.8	98.3	98.4	98.5	98.6	98.6	98.6	98.7
GE 100	78.3	82.7	85.9	89.5	91.8	93.5	95.7	97.4	98.0	98.4	98.6	98.7	98.9	98.9	99.1	99.5
GE 000	78.3	82.7	85.9	89.5	91.8	93.5	95.7	97.4	98.0	98.4	98.6	98.7	98.9	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.0	44.8	45.8	46.3	47.0	47.0	47.0	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.5	47.5
GE 20000	46.6	50.2	51.3	51.9	52.6	52.6	52.6	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.1	53.1
GE 18000	46.8	50.4	51.5	52.2	52.8	52.8	52.8	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.3	53.3
GE 16000	46.8	50.4	51.5	52.2	52.8	52.8	52.8	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.3	53.3
GE 14000	47.1	50.9	51.9	52.6	53.2	53.2	53.2	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.8	53.8
GE 12000	48.2	52.0	53.1	53.8	54.4	54.4	54.4	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.9	54.9
GE 10000	52.0	56.0	57.1	57.7	58.4	58.4	58.4	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9	58.9
GE 9000	52.3	56.3	57.4	58.1	58.7	58.7	58.7	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2
GE 8000	56.0	60.4	61.6	62.3	63.0	63.1	63.2	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.8	63.8
GE 7000	58.2	62.9	64.1	64.7	65.5	65.6	65.7	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2
GE 6000	58.2	62.9	64.1	64.7	65.5	65.6	65.7	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2
GE 5000	60.3	65.2	66.6	67.3	68.1	68.2	68.3	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.8	68.8
GE 4500	62.2	67.4	69.0	69.8	70.5	71.0	71.1	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7
GE 4000	63.1	68.9	70.6	71.6	72.7	73.1	73.3	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.0	74.0
GE 3500	64.8	71.0	72.9	74.0	75.1	75.5	75.8	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.6	76.6
GE 3000	66.8	73.4	75.6	76.9	78.1	78.5	78.8	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.7
GE 2500	68.5	75.6	77.8	79.2	80.5	81.0	81.3	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.2	82.3
GE 2000	69.2	77.0	79.4	81.0	82.4	82.8	83.4	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.5
GE 1800	69.6	77.3	79.7	81.3	82.7	83.1	83.8	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.9
GE 1500	70.0	77.7	80.2	81.8	83.3	83.8	84.4	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.6
GE 1200	70.5	78.4	80.9	82.5	84.0	84.4	85.2	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.3	86.5
GE 1000	70.8	78.6	81.2	83.1	84.7	85.4	86.2	86.9	87.1	87.3	87.4	87.4	87.4	87.4	87.5	87.6
GE 900	70.8	78.6	81.4	83.3	84.9	85.6	86.6	87.2	87.4	87.6	87.8	87.8	87.8	87.8	88.0	88.1
GE 800	70.9	78.7	81.7	83.8	85.6	86.2	87.3	88.1	88.4	88.6	88.8	88.8	88.8	88.8	88.9	89.0
GE 700	70.9	78.7	81.8	84.0	86.2	87.2	88.4	89.1	89.6	89.8	90.1	90.1	90.1	90.1	90.2	90.3
GE 600	70.9	78.8	82.2	84.4	86.9	88.3	89.5	90.2	90.6	90.9	91.2	91.2	91.2	91.2	91.3	91.4
GE 500	71.1	79.2	82.6	84.8	87.6	89.5	91.2	92.2	92.6	92.8	93.1	93.1	93.1	93.1	93.2	93.3
GE 400	71.1	79.2	82.6	84.8	87.8	90.1	92.3	93.9	94.5	94.8	95.3	95.3	95.4	95.4	95.5	95.6
GE 300	71.1	79.2	82.7	85.1	88.2	90.4	92.6	94.4	95.1	95.5	96.0	96.0	96.1	96.1	96.3	96.5
GE 200	71.1	79.2	82.7	85.1	88.3	90.5	92.9	94.7	95.5	96.0	96.9	96.9	97.1	97.1	97.5	97.8
GE 100	71.1	79.2	82.7	85.1	88.3	90.5	92.9	94.7	95.5	96.1	97.0	97.0	97.2	97.2	97.7	99.2
GE 000	71.1	79.2	82.7	85.1	88.3	90.5	92.9	94.7	95.5	96.1	97.0	97.0	97.2	97.2	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.4	45.2	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 20000	52.2	54.0	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 18000	52.3	54.1	54.6	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 16000	52.3	54.1	54.6	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 14000	52.8	54.7	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 12000	54.3	56.3	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 10000	57.3	59.7	60.3	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 9000	57.7	60.1	60.8	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 8000	60.8	63.5	64.3	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 7000	63.0	65.9	66.7	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 6000	63.5	66.5	67.2	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 5000	65.7	68.8	69.6	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4500	67.3	70.5	71.4	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4000	69.9	73.8	74.8	75.9	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3500	70.4	74.3	75.7	76.8	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3000	73.3	77.8	79.7	81.2	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4
GE 2500	74.6	79.5	81.3	82.8	83.5	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0
GE 2000	75.1	80.4	82.7	84.2	85.4	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0
GE 1800	75.6	81.0	83.2	84.7	85.9	86.3	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6
GE 1500	76.1	81.7	84.1	85.6	86.8	87.2	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5
GE 1200	76.5	82.3	84.6	86.1	87.3	87.8	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2
GE 1000	76.6	82.8	85.2	86.9	88.1	88.8	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2
GE 900	76.6	82.8	85.2	86.9	88.1	88.8	89.0	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4
GE 800	76.7	83.0	85.5	87.3	88.5	89.2	89.7	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2
GE 700	76.8	83.3	85.8	87.6	88.9	89.7	90.4	91.1	91.1	91.1	91.1	91.2	91.3	91.3	91.3	91.3
GE 600	76.9	83.4	85.9	87.8	89.2	90.3	91.4	92.0	92.2	92.3	92.3	92.4	92.5	92.5	92.5	92.5
GE 500	77.1	83.7	86.1	88.2	90.4	92.4	93.5	95.1	95.2	95.6	95.6	95.7	95.9	95.9	95.9	95.9
GE 400	77.1	83.8	86.2	88.3	90.6	92.6	94.1	95.8	96.0	96.5	96.5	96.6	96.8	96.8	96.8	96.8
GE 300	77.1	83.8	86.2	88.4	90.8	92.9	94.5	96.3	96.9	97.6	97.7	97.8	98.1	98.1	98.1	98.2
GE 200	77.1	83.8	86.2	88.4	90.8	92.9	94.6	96.5	97.1	97.8	98.1	98.4	99.2	99.2	99.2	99.4
GE 100	77.1	83.8	86.2	88.4	90.8	92.9	94.6	96.5	97.1	97.8	98.1	98.4	99.4	99.4	99.8	100.0
GE 000	77.1	83.8	86.2	88.4	90.8	92.9	94.6	96.5	97.1	97.8	98.1	98.4	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.1	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 20000	54.9	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 18000	55.1	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 16000	55.1	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 14000	55.4	55.7	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 12000	57.3	57.7	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 10000	60.8	61.2	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 9000	61.5	61.9	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 8000	64.7	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 7000	66.3	66.8	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 6000	66.9	67.3	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 5000	68.0	68.4	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 4500	70.4	71.1	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 4000	75.5	76.6	77.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 3500	77.0	78.4	78.9	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3000	79.7	81.3	82.0	82.8	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 2500	80.6	82.5	83.2	84.0	84.4	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2000	81.7	84.0	84.7	85.5	85.9	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1800	82.0	84.4	85.2	85.9	86.3	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1500	82.7	85.5	86.8	87.8	88.7	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1200	82.8	85.7	87.0	88.1	89.0	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000	83.0	85.9	87.3	88.4	89.5	89.7	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 900	83.0	85.9	87.3	88.4	89.7	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 800	83.3	86.2	87.7	88.8	90.2	90.6	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 700	83.3	86.5	88.1	89.1	90.8	91.4	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 600	83.5	86.7	88.4	89.6	91.3	92.7	93.9	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 500	83.7	87.0	88.7	90.0	92.6	94.3	96.1	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2
GE 400	83.7	87.0	88.7	90.2	92.9	94.7	96.9	97.7	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7
GE 300	83.7	87.0	88.7	90.2	92.9	94.7	96.9	98.0	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2
GE 200	83.7	87.0	88.7	90.2	92.9	94.7	96.9	98.0	98.8	99.1	99.4	99.5	99.6	99.6	99.6	99.7
GE 100	83.7	87.0	88.7	90.2	92.9	94.7	96.9	98.0	98.8	99.1	99.4	99.5	99.7	99.7	99.7	100.0
GE 000	83.7	87.0	88.7	90.2	92.9	94.7	96.9	98.0	98.8	99.1	99.4	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.4	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 20000	57.5	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 18000	57.6	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 16000	57.6	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 14000	58.1	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 12000	59.5	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 10000	62.3	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 9000	62.6	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 8000	65.7	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 7000	67.4	68.5	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 6000	67.7	68.9	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 5000	70.0	71.4	71.8	71.9	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4500	72.3	74.0	74.5	74.7	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4000	77.1	79.0	79.6	79.8	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3500	78.0	80.1	80.6	80.9	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 3000	80.2	83.0	83.5	83.8	84.1	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500	81.0	83.8	84.5	84.7	85.2	85.3	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	82.2	85.1	86.0	86.2	86.9	87.0	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
GE 1800	82.3	85.2	86.1	86.3	87.1	87.2	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
GE 1500	82.5	85.9	86.9	87.4	88.3	88.7	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 1200	82.8	86.5	87.6	88.4	89.4	89.8	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	83.0	86.7	87.8	88.7	89.7	90.3	90.5	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	83.1	86.8	88.1	88.9	89.9	90.5	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	83.2	86.9	88.3	89.1	90.3	91.0	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 700	83.4	87.1	88.6	89.7	91.0	91.7	92.2	92.2	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 600	83.4	87.4	89.0	90.1	91.4	93.0	94.4	94.4	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	83.4	87.5	89.4	90.5	92.0	94.1	96.1	96.5	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1
GE 400	83.4	87.5	89.4	90.5	92.4	94.5	96.9	97.4	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6
GE 300	83.4	87.5	89.4	90.5	92.5	94.8	97.3	98.1	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 200	83.4	87.5	89.4	90.5	92.5	94.8	97.3	98.1	99.1	99.4	99.5	99.5	99.6	99.6	99.7	99.7
GE 100	83.4	87.5	89.4	90.5	92.5	94.8	97.3	98.1	99.1	99.4	99.5	99.5	99.7	99.8	99.9	100.0
GE 000	83.4	87.5	89.4	90.5	92.5	94.8	97.3	98.1	99.1	99.4	99.5	99.5	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.5	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 20000	58.4	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	58.6	59.0	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 16000	58.6	59.0	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 14000	59.1	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 12000	61.1	61.5	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 10000	64.1	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 9000	64.9	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 8000	67.7	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 7000	69.8	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 6000	70.	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 5000	72.9	73.5	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4500	75.5	76.1	76.3	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 4000	77.3	78.0	78.3	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	78.9	79.8	80.2	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 3000	79.9	81.2	82.2	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 2500	81.6	83.1	84.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2000	82.7	84.2	85.4	86.5	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1800	82.8	84.4	85.6	86.8	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1500	83.2	85.1	86.6	88.3	89.0	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1200	83.5	85.5	87.0	88.8	89.6	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1000	84.0	86.1	87.8	89.7	90.5	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	84.0	86.1	87.8	89.9	90.8	91.0	91.2	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 800	84.0	86.1	88.0	90.2	91.3	91.6	92.2	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 700	84.0	86.3	88.3	90.6	91.9	92.3	92.8	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	84.0	86.6	88.6	91.1	92.5	93.1	93.9	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 500	84.0	86.7	88.8	91.4	93.0	93.9	94.7	95.5	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 400	84.0	86.7	88.8	91.5	93.2	94.4	95.5	96.6	96.7	97.3	97.3	97.4	97.4	97.4	97.4	97.4
GE 300	84.0	86.7	88.8	91.5	93.4	94.9	96.3	97.5	97.7	98.5	98.6	98.7	98.9	98.9	98.9	98.9
GE 200	84.0	86.7	88.8	91.5	93.4	94.9	96.3	97.5	97.8	98.9	99.0	99.1	99.6	99.6	99.7	99.7
GE 100	84.0	86.7	88.8	91.5	93.4	94.9	96.3	97.5	97.8	98.9	99.1	99.4	99.9	99.9	100.0	100.0
GE 000	84.0	86.7	88.8	91.5	93.4	94.9	96.3	97.5	97.8	98.9	99.1	99.4	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.5	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 20000	60.8	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 18000	60.8	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 16000	60.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 14000	60.8	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 12000	62.8	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 10000	65.7	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 9000	66.5	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 8000	69.5	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 7000	71.1	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	71.3	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 5000	74.0	74.8	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4500	75.7	76.7	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 4000	77.3	78.3	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 3500	78.5	79.7	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 3000	79.9	81.6	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500	81.3	83.1	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2000	82.3	84.3	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1800	82.3	84.3	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1500	82.8	85.4	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	83.1	85.8	87.3	87.6	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1000	83.5	86.8	88.8	89.4	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 900	83.7	86.9	89.0	89.6	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 800	83.8	87.0	89.1	90.1	90.5	90.6	90.9	90.9	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3
GE 700	83.8	87.2	89.5	90.5	91.3	91.4	91.6	91.7	91.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2
GE 600	83.8	87.4	89.9	91.1	92.0	92.3	92.5	92.6	92.6	92.7	93.0	93.0	93.0	93.0	93.0	93.0
GE 500	84.2	88.2	90.9	92.2	93.2	93.7	94.1	94.3	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7
GE 400	84.3	88.4	91.2	92.6	93.8	94.5	95.5	95.7	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1
GE 300	84.3	88.5	91.6	93.1	94.6	95.6	96.9	97.7	97.7	98.0	98.3	98.3	98.5	98.5	98.5	98.5
GE 200	84.3	88.5	91.6	93.1	94.7	95.7	97.0	98.3	98.4	98.6	99.0	99.0	99.2	99.2	99.2	99.2
GE 100	84.3	88.5	91.6	93.1	94.7	95.7	97.0	98.3	98.4	98.6	99.1	99.1	99.4	99.5	99.7	99.7
GE 000	84.3	88.5	91.6	93.1	94.7	95.7	97.0	98.3	98.4	98.6	99.1	99.1	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.9	49.8	50.1	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 20000	55.7	56.8	57.2	57.5	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000	55.8	56.9	57.2	57.6	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 16000	55.8	56.9	57.2	57.6	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 14000	56.1	57.2	57.6	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3
GE 12000	57.6	58.7	59.1	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 10000	61.1	62.3	62.7	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 9000	61.6	62.8	63.3	63.6	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 8000	64.7	66.1	66.6	67.0	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 7000	66.6	68.1	68.6	69.0	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 6000	66.9	68.4	69.0	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8
GE 5000	68.9	70.5	71.1	71.5	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4500	71.2	73.0	73.7	74.2	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8
GE 4000	73.6	75.7	76.4	77.1	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3500	74.9	77.2	78.1	78.8	79.2	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3000	76.8	79.6	80.7	81.5	82.0	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500	78.0	81.0	82.2	83.1	83.7	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 2000	78.9	82.2	83.6	84.5	85.3	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
GE 1800	79.1	82.4	83.8	84.8	85.6	85.8	86.0	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2
GE 1500	79.6	83.3	84.8	85.9	86.9	87.1	87.4	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6
GE 1200	79.8	83.6	85.3	86.5	87.5	87.8	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
GE 1000	80.1	84.1	85.9	87.2	88.2	88.7	89.0	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3
GE 900	80.1	84.1	86.0	87.4	88.4	88.9	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
GE 800	80.3	84.3	86.3	87.9	89.1	89.6	90.1	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.7
GE 700	80.3	84.5	86.7	88.3	89.7	90.4	91.1	91.4	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8
GE 600	80.4	84.7	87.0	88.8	90.3	91.3	92.2	92.6	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0
GE 500	80.5	85.0	87.4	89.3	91.2	92.6	93.9	94.5	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 400	80.5	85.1	87.6	89.6	91.7	93.3	95.0	96.0	96.3	96.7	96.9	96.9	97.0	97.0	97.0	97.0
GE 300	80.5	85.1	87.7	89.8	92.0	93.7	95.6	96.8	97.3	97.8	98.0	98.0	98.1	98.1	98.2	98.2
GE 200	80.5	85.1	87.7	89.8	92.1	93.9	95.8	97.2	97.7	98.3	98.6	98.7	99.0	99.0	99.1	99.2
GE 100	80.5	85.1	87.7	89.8	92.1	93.9	95.8	97.2	97.8	98.3	98.7	98.8	99.1	99.2	99.4	99.8
GE 000	80.5	85.1	87.7	89.8	92.1	93.9	95.8	97.2	97.8	98.3	98.7	98.8	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.6	53.2	54.2	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 20000	56.8	58.4	59.4	59.8	59.9	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 18000	56.8	58.4	59.4	59.8	59.9	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 16000	56.8	58.4	59.4	59.8	59.9	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 14000	57.2	58.9	59.9	60.2	60.3	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 12000	57.9	59.6	60.6	60.9	61.0	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 10000	62.1	64.1	65.4	65.8	66.1	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 9000	62.6	64.8	66.1	66.4	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 8000	66.0	68.2	69.6	70.0	70.3	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 7000	67.8	70.1	71.4	71.9	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 6000	68.6	71.0	72.3	72.9	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 5000	70.3	73.0	74.4	75.0	75.3	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4500	72.1	74.9	76.7	77.4	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4000	73.9	76.7	78.4	79.2	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3500	75.1	78.0	79.8	80.7	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3000	76.7	79.6	81.4	82.4	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 2500	77.4	80.6	82.7	83.7	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2000	77.8	80.9	83.2	84.2	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1800	78.1	81.4	83.8	84.9	85.4	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1500	78.9	82.6	85.0	86.3	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1200	79.7	83.9	86.8	88.2	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	79.9	84.7	88.1	89.6	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 900	79.9	84.8	88.2	89.7	90.2	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 800	80.2	85.2	88.8	90.4	91.1	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 700	80.2	85.3	88.9	90.6	91.2	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 600	80.2	85.8	89.8	91.7	92.4	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 500	80.3	86.0	90.3	92.6	93.6	93.9	94.2	94.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 400	80.6	86.7	91.0	93.8	94.8	95.2	95.7	96.0	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9
GE 300	80.7	86.8	91.3	94.1	95.6	96.3	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
GE 200	80.7	86.8	91.3	94.1	95.6	96.6	97.6	98.0	98.1	98.2	98.7	98.7	98.7	98.7	98.8	98.8
GE 100	80.7	86.8	91.3	94.1	95.6	96.6	97.6	98.1	98.2	98.4	99.0	99.0	99.0	99.0	99.1	99.1
GE 000	80.7	86.8	91.3	94.1	95.6	96.6	97.6	98.1	98.2	98.4	99.0	99.0	99.0	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 03-05

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.9	48.6	49.3	49.7	50.1	50.1	50.2	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 20000	51.1	53.1	54.0	54.3	54.8	54.9	55.0	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 18000	51.1	53.1	54.0	54.3	54.8	54.9	55.0	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 16000	51.1	53.1	54.0	54.3	54.8	54.9	55.0	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 14000	51.8	53.8	54.7	55.0	55.4	55.6	55.7	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 12000	52.3	54.3	55.2	55.6	56.0	56.1	56.2	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 10000	57.0	59.2	60.1	60.4	61.0	61.1	61.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 9000	57.8	60.0	60.9	61.2	61.8	61.9	62.0	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 8000	62.1	64.9	66.0	66.3	67.0	67.1	67.2	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 7000	63.2	66.4	67.7	68.0	68.7	68.8	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 6000	64.6	68.1	69.3	69.7	70.3	70.4	70.6	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 5000	66.2	69.9	71.6	72.0	72.7	72.8	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4500	67.9	71.7	73.3	73.9	74.7	74.9	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	69.7	73.7	75.3	75.9	76.7	76.9	77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	71.4	75.6	77.2	77.8	78.7	78.9	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 3000	72.8	76.9	78.6	79.1	80.0	80.2	80.3	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 2500	73.6	78.0	79.7	80.3	81.2	81.4	81.6	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 2000	75.1	79.6	81.2	81.9	82.8	83.0	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1800	75.2	79.8	81.4	82.1	83.2	83.4	83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1500	76.4	81.1	82.9	83.8	85.0	85.2	85.3	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1200	76.8	81.6	83.4	84.6	86.0	86.2	86.3	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1000	77.3	82.3	84.2	85.4	86.9	87.2	87.3	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 900	77.4	82.7	84.6	85.8	87.2	87.6	87.7	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 800	77.6	83.0	85.1	86.6	88.2	88.7	88.8	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 700	77.6	83.1	85.4	87.0	88.8	89.2	89.3	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 600	77.8	83.4	86.0	87.6	89.7	90.1	90.2	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 500	78.0	83.7	86.7	88.7	91.1	91.8	92.1	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 400	78.3	84.0	87.3	89.7	92.8	93.8	94.6	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 300	78.4	84.2	87.6	89.9	93.3	94.6	95.6	95.9	96.1	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 200	78.4	84.2	87.6	89.9	93.6	94.8	96.0	96.6	97.0	97.6	97.7	97.7	98.0	98.0	98.0	98.0
GE 100	78.4	84.2	87.6	89.9	93.6	94.8	96.0	96.6	97.1	97.7	97.9	97.9	98.4	98.6	98.6	99.3
GE 000	78.4	84.2	87.6	89.9	93.6	94.8	96.0	96.6	97.1	97.7	97.9	97.9	98.4	98.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.6	44.3	45.1	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 20000	46.4	50.8	51.9	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 18000	46.6	50.9	52.0	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 16000	46.6	50.9	52.0	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 14000	46.8	51.1	52.2	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 12000	47.9	52.3	53.4	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 10000	51.9	57.0	58.2	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.1
GE 9000	52.9	58.0	59.2	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	61.0	61.0	61.0	61.1
GE 8000	56.1	61.9	63.3	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.2	65.2	65.2	65.3
GE 7000	57.7	63.6	65.0	66.3	66.7	66.7	66.7	66.7	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.1
GE 6000	59.0	64.9	66.3	67.7	68.0	68.0	68.0	68.0	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.4
GE 5000	60.9	66.9	68.4	69.9	70.3	70.3	70.3	70.3	70.3	70.4	70.6	70.6	70.7	70.7	70.7	70.8
GE 4500	63.8	69.8	72.0	73.4	73.9	74.0	74.0	74.0	74.0	74.1	74.2	74.2	74.3	74.3	74.3	74.4
GE 4000	65.2	71.6	74.0	75.8	76.2	76.3	76.4	76.4	76.4	76.6	76.7	76.7	76.8	76.8	76.8	76.9
GE 3500	66.6	72.9	75.3	77.2	77.7	77.8	78.0	78.0	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.4
GE 3000	67.1	73.7	76.3	78.3	78.9	79.2	79.6	79.6	79.6	79.7	79.8	79.8	79.9	79.9	79.9	80.0
GE 2500	67.9	74.7	77.6	79.6	80.3	80.8	81.2	81.2	81.2	81.3	81.6	81.6	81.7	81.7	81.7	81.9
GE 2000	68.7	75.4	78.4	80.4	81.4	81.9	82.3	82.3	82.3	82.4	82.7	82.7	82.8	82.8	82.8	83.0
GE 1800	68.7	75.4	78.4	80.4	81.4	81.9	82.3	82.3	82.3	82.4	82.7	82.7	82.8	82.8	82.8	83.0
GE 1500	69.7	76.8	79.9	82.0	83.2	83.9	84.4	84.4	84.4	84.6	84.8	84.8	84.9	84.9	84.9	85.1
GE 1200	70.1	77.3	80.6	82.7	84.2	84.9	85.4	85.4	85.4	85.6	85.8	85.8	85.9	85.9	85.9	86.1
GE 1000	70.3	77.6	81.1	83.3	85.1	85.8	86.3	86.6	86.6	86.7	86.9	86.9	87.0	87.0	87.0	87.2
GE 900	70.3	77.6	81.2	83.4	85.2	86.0	86.6	86.8	86.8	86.9	87.1	87.1	87.2	87.2	87.2	87.4
GE 800	70.4	77.8	81.6	84.0	86.0	86.8	87.3	87.6	87.6	87.7	87.9	87.9	88.0	88.0	88.0	88.2
GE 700	70.6	78.1	82.0	84.6	86.7	87.7	88.2	88.8	88.8	88.9	89.1	89.1	89.2	89.2	89.2	89.4
GE 600	70.6	78.1	82.2	85.1	87.6	88.6	89.3	90.0	90.0	90.2	90.4	90.4	90.6	90.6	90.6	90.8
GE 500	70.6	78.2	82.3	85.6	88.2	89.7	90.8	91.9	92.0	92.2	92.4	92.4	92.6	92.6	92.6	92.8
GE 400	70.7	78.3	82.4	85.9	88.8	90.3	91.9	93.2	93.3	93.7	94.0	94.0	94.1	94.1	94.1	94.3
GE 300	70.7	78.3	82.6	86.0	89.1	90.8	92.4	94.1	94.3	95.2	95.7	95.7	96.0	96.0	96.0	96.2
GE 200	70.7	78.3	82.6	86.0	89.3	91.0	92.7	94.4	94.8	96.2	96.7	96.8	97.4	97.7	98.0	98.2
GE 100	70.7	78.3	82.6	86.0	89.3	91.0	92.7	94.4	94.8	96.2	96.7	96.8	97.6	97.9	98.2	99.9
GE 000	70.7	78.3	82.6	86.0	89.3	91.0	92.7	94.4	94.8	96.2	96.7	96.8	97.6	97.9	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.3	46.0	46.6	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 20000	50.9	53.7	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 18000	51.6	54.3	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 16000	51.7	54.4	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 14000	52.6	55.3	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 12000	53.6	56.3	56.9	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 10000	56.7	59.9	60.8	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 9000	57.3	60.7	61.6	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 8000	60.2	63.7	64.6	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 7000	61.1	64.6	65.4	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 6000	61.4	64.9	65.8	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 5000	63.0	66.4	67.3	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4500	66.9	70.7	71.7	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4000	70.1	74.0	75.4	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3500	71.6	75.4	76.9	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3000	74.0	78.1	79.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 2500	75.3	79.6	81.3	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 2000	75.9	80.3	82.1	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1800	76.1	80.8	82.6	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1500	77.4	82.4	84.3	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1200	78.1	83.1	85.3	86.4	86.9	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1000	78.3	83.4	86.0	87.3	87.9	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 900	78.3	83.4	86.0	87.3	87.9	88.0	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 800	78.7	84.3	87.1	88.6	89.2	89.4	89.8	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 700	78.8	84.8	87.7	89.1	90.0	90.3	90.8	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 600	78.8	84.9	87.8	89.4	90.4	90.9	91.7	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 500	79.1	85.6	88.6	90.2	91.4	92.0	93.2	94.1	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 400	79.1	85.6	88.9	90.6	92.1	93.0	94.2	95.4	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 300	79.1	85.6	88.9	90.8	92.4	93.6	95.1	96.7	97.0	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 200	79.1	85.6	88.9	90.8	92.4	93.6	95.2	96.9	97.2	98.3	98.6	98.7	99.2	99.3	99.4	99.6
GE 100	79.1	85.6	88.9	90.8	92.4	93.6	95.2	96.9	97.2	98.3	98.7	98.8	99.3	99.6	99.8	100.0
GE 000	79.1	85.6	88.9	90.8	92.4	93.6	95.2	96.9	97.2	98.3	98.7	98.8	99.3	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.1	42.6	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 20000	49.8	51.8	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 18000	50.1	52.1	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 16000	50.1	52.1	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 14000	51.2	53.2	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 12000	52.0	54.2	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 10000	55.1	57.6	58.4	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 9000	55.2	57.8	58.7	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 8000	59.1	61.9	62.8	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 7000	59.3	62.3	63.2	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 6000	59.6	62.7	63.6	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 5000	61.6	64.8	65.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 4500	65.0	68.3	69.4	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4000	71.1	74.9	76.1	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3500	74.4	78.3	79.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3000	78.0	82.2	83.7	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500	79.2	83.6	85.0	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 2000	80.7	85.1	86.7	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
GE 1800	81.0	85.6	87.1	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 1500	81.9	86.7	88.4	89.2	89.9	89.9	89.9	89.9	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2
GE 1200	82.3	87.3	89.1	90.1	90.9	91.1	91.1	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4
GE 1000	82.7	87.9	89.9	91.0	91.8	92.0	92.0	92.0	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3
GE 900	82.7	88.1	90.1	91.2	92.1	92.3	92.3	92.3	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7
GE 800	82.8	88.2	90.3	91.8	92.9	93.2	93.2	93.2	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6
GE 700	83.0	88.8	91.0	92.6	93.9	94.2	94.4	94.6	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	83.1	88.9	91.3	93.0	94.3	94.8	95.1	95.2	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6
GE 500	83.1	89.1	91.6	93.2	94.9	95.4	95.8	96.2	96.3	96.4	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	83.1	89.1	91.6	93.2	95.4	96.0	96.7	97.3	97.4	98.1	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	83.1	89.1	91.6	93.2	95.4	96.0	97.0	98.0	98.1	98.9	99.3	99.3	99.4	99.4	99.4	99.4
GE 200	83.1	89.1	91.6	93.2	95.4	96.0	97.0	98.1	98.3	99.1	99.7	99.7	99.9	99.9	99.9	99.9
GE 100	83.1	89.1	91.6	93.2	95.4	96.0	97.0	98.1	98.3	99.1	99.7	99.7	99.9	99.9	100.0	100.0
GE 000	83.1	89.1	91.6	93.2	95.4	96.0	97.0	98.1	98.3	99.1	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.8	41.9	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 20000	51.1	52.3	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 18000	51.1	52.3	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 16000	51.1	52.3	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 14000	51.9	53.1	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 12000	53.0	54.2	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 10000	57.3	58.8	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 9000	57.6	59.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 8000	61.0	63.1	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 7000	62.6	64.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 6000	63.2	65.3	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 5000	66.1	68.4	69.6	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 4500	68.2	70.8	72.0	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4000	74.9	78.1	79.4	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3500	77.1	80.3	81.7	82.3	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3000	78.7	82.4	83.9	84.6	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2500	80.1	83.9	85.4	86.3	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2000	82.2	86.1	87.8	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1800	82.4	86.3	88.0	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1500	83.1	87.1	88.8	90.2	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1200	83.3	87.4	89.2	90.9	91.4	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1000	83.8	88.1	89.9	91.6	92.2	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 900	83.8	88.2	90.1	91.8	92.4	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 800	83.8	88.3	90.2	92.0	93.2	93.7	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 700	83.8	88.4	90.3	92.6	93.8	94.4	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	83.8	88.4	90.3	92.9	94.1	94.8	95.2	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	83.8	88.6	90.4	93.1	94.7	95.7	96.6	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	83.8	88.6	90.4	93.2	95.1	96.1	97.2	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	83.8	88.6	90.4	93.2	95.1	96.1	97.3	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	83.8	88.6	90.4	93.2	95.1	96.1	97.3	98.8	99.1	99.4	99.4	99.6	99.8	99.9	99.9	99.9
GE 100	83.8	88.6	90.4	93.2	95.1	96.1	97.3	98.8	99.1	99.4	99.4	99.6	99.9	100.0	100.0	100.0
GE 000	83.8	88.6	90.4	93.2	95.1	96.1	97.3	98.8	99.1	99.4	99.4	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.9	45.4	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 20000	53.8	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 18000	53.8	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 16000	53.8	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 14000	54.0	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 12000	54.7	57.0	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 10000	58.6	61.4	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 9000	58.9	61.8	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 8000	63.1	66.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 7000	65.4	68.9	69.9	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 6000	66.1	69.6	70.6	70.7	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 5000	68.7	72.2	73.7	73.8	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4500	71.3	75.7	77.3	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 4000	75.2	79.9	81.7	82.0	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3500	76.2	80.9	82.8	83.1	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3000	77.6	82.6	84.7	85.1	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	78.4	83.8	86.1	86.9	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 2000	79.2	84.7	87.1	88.0	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1800	79.3	84.8	87.2	88.1	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1500	80.0	85.6	88.4	89.6	90.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1200	80.9	86.6	89.6	90.7	92.1	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1000	80.9	86.7	89.8	90.9	92.4	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 900	80.9	86.8	90.1	91.2	92.8	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 800	80.9	86.8	90.1	91.2	92.8	93.0	93.3	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 700	81.0	87.2	90.7	91.8	93.8	94.1	94.7	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	81.0	87.2	90.7	91.8	93.9	94.3	95.0	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	81.0	87.2	90.8	91.9	94.4	94.9	95.7	96.4	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 400	81.1	87.3	90.9	92.1	94.7	95.3	96.3	97.2	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	81.1	87.3	90.9	92.1	94.7	95.4	96.6	97.6	97.9	98.3	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	81.1	87.3	90.9	92.1	94.7	95.4	96.6	97.6	98.0	98.6	98.9	99.0	99.0	99.0	99.0	99.2
GE 100	81.1	87.3	90.9	92.1	94.7	95.4	96.6	97.6	98.0	98.6	98.9	99.0	99.1	99.2	99.7	99.9
GE 000	81.1	87.3	90.9	92.1	94.7	95.4	96.6	97.6	98.0	98.6	98.9	99.0	99.1	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.7	50.8	51.1	51.1	51.3	51.3	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 20000	55.3	56.7	57.0	57.0	57.2	57.2	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 18000	55.7	57.0	57.3	57.3	57.6	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 16000	55.7	57.0	57.3	57.3	57.6	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 14000	56.0	57.3	57.7	57.7	57.9	57.9	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 12000	56.3	58.0	58.6	58.6	58.8	58.8	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 10000	61.2	63.1	63.7	63.8	64.0	64.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 9000	61.9	63.8	64.4	64.6	64.8	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 8000	66.0	68.1	69.1	69.4	69.7	69.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 7000	68.9	71.0	72.0	72.4	72.7	72.7	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 6000	69.6	71.7	72.7	73.3	73.6	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 5000	71.3	73.6	74.6	75.2	75.4	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 4500	74.4	76.9	78.0	78.8	79.0	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4000	76.4	79.2	80.4	81.2	81.6	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3500	78.0	81.1	82.6	83.3	84.0	84.1	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3000	79.1	82.2	83.7	84.4	85.1	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2500	79.7	83.0	84.6	85.4	86.1	86.3	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2000	80.6	84.0	85.9	86.8	87.6	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	81.0	84.4	86.3	87.2	88.0	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1500	81.3	84.9	86.8	87.7	88.8	89.0	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1200	81.8	85.4	87.6	88.4	89.7	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1000	81.9	85.9	88.1	89.7	91.2	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 900	82.1	86.1	88.4	90.1	91.7	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 800	82.3	86.3	88.7	90.6	92.1	92.6	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 700	82.4	86.4	88.9	90.9	92.6	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	82.4	86.4	89.1	91.6	93.4	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 500	82.6	86.6	89.3	91.8	94.0	94.6	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 400	82.8	87.2	90.2	92.8	95.1	95.8	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 300	82.9	87.4	90.4	93.2	95.7	96.3	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 200	82.9	87.4	90.6	93.3	95.8	96.7	97.3	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6
GE 100	82.9	87.4	90.6	93.3	95.8	96.7	97.4	98.3	98.4	98.7	98.7	98.9	99.0	99.0	99.2	99.8
GE 000	82.9	87.4	90.6	93.3	95.8	96.7	97.4	98.3	98.4	98.7	98.7	98.9	99.0	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR HOURS: ALL

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.7	46.6	47.2	47.4	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 20000	51.9	54.1	54.8	55.1	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 18000	52.1	54.3	55.0	55.3	55.4	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 16000	52.1	54.3	55.0	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 14000	52.7	54.9	55.6	55.9	56.0	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 12000	53.5	55.8	56.5	56.8	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 10000	57.5	60.1	61.1	61.5	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9
GE 9000	58.0	60.7	61.7	62.1	62.3	62.3	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5
GE 8000	61.7	64.8	65.9	66.3	66.5	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	63.3	66.4	67.5	68.0	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5
GE 6000	64.0	67.3	68.4	68.9	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4
GE 5000	66.0	69.4	70.7	71.3	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4500	68.7	72.3	73.8	74.5	74.8	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
GE 4000	72.1	76.0	77.6	78.3	78.7	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0
GE 3500	73.8	77.8	79.5	80.3	80.7	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3000	75.5	79.7	81.5	82.4	82.8	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2500	76.5	80.9	82.8	83.8	84.3	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8
GE 2000	77.5	82.0	84.1	85.1	85.8	85.9	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 1800	77.7	82.3	84.4	85.4	86.1	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6
GE 1500	78.6	83.4	85.6	86.8	87.7	87.8	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
GE 1200	79.1	84.1	86.4	87.8	88.8	89.0	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
GE 1000	79.4	84.6	87.1	88.6	89.7	90.0	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5
GE 900	79.4	84.7	87.3	88.8	89.9	90.3	90.5	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
GE 800	79.6	85.0	87.7	89.4	90.7	91.1	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
GE 700	79.7	85.3	88.1	89.9	91.3	91.8	92.1	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 600	79.7	85.4	88.4	90.4	92.0	92.5	92.9	93.3	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6
GE 500	79.8	85.6	88.8	90.9	92.8	93.5	94.2	94.8	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1
GE 400	79.9	85.8	89.1	91.4	93.6	94.4	95.4	96.1	96.2	96.5	96.6	96.6	96.7	96.7	96.7	96.7
GE 300	80.0	85.9	89.2	91.6	93.9	94.9	96.0	96.9	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.9
GE 200	80.0	85.9	89.2	91.6	94.0	95.0	96.2	97.3	97.6	98.2	98.5	98.5	98.8	98.8	98.9	99.1
GE 100	80.0	85.9	89.2	91.6	94.0	95.0	96.2	97.3	97.7	98.3	98.6	98.7	99.0	99.1	99.3	99.8
GE 000	80.0	85.9	89.2	91.6	94.0	95.0	96.2	97.3	97.7	98.3	98.6	98.7	99.0	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.5	49.5	50.5	51.4	52.3	52.4	52.5	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 20000	46.8	54.3	56.5	57.4	58.5	58.6	58.7	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	46.9	54.4	56.6	57.5	58.6	58.7	58.8	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 16000	46.9	54.4	56.6	57.5	58.6	58.7	58.8	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 14000	47.2	54.7	56.9	57.8	58.9	59.0	59.1	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 12000	48.1	55.8	58.1	59.0	60.1	60.2	60.3	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	51.1	59.6	61.9	63.2	64.3	64.4	64.5	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 9000	51.6	60.1	62.5	63.8	64.8	64.9	65.1	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 8000	57.0	65.9	68.7	70.2	71.3	71.5	71.6	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 7000	57.8	66.9	69.7	71.3	72.6	73.0	73.1	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 6000	58.3	67.5	70.4	72.0	73.4	73.9	74.0	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 5000	59.5	69.4	72.4	74.2	75.7	76.1	76.2	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 4500	61.6	71.7	75.3	77.3	78.8	79.2	79.4	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4000	63.0	73.2	77.1	79.1	81.1	81.5	81.6	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 3500	64.1	74.4	78.3	80.3	82.5	82.9	83.0	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3000	65.5	76.5	80.6	83.4	85.6	86.0	86.1	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2500	66.0	77.0	81.2	84.0	86.2	86.7	86.8	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	66.5	77.4	81.6	84.5	86.8	87.2	87.4	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	66.6	77.5	81.8	84.9	87.3	87.7	88.0	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1500	67.0	78.1	82.6	85.8	88.7	89.1	89.4	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1200	67.0	78.2	83.1	86.5	89.5	89.9	90.3	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	67.2	78.5	83.5	87.1	90.2	90.9	91.3	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 900	67.2	78.5	83.5	87.1	90.2	90.9	91.3	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 800	67.3	78.7	83.9	87.5	91.0	91.7	92.4	93.2	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 700	67.3	78.8	84.0	87.6	91.4	92.2	92.9	93.8	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 600	67.3	78.8	84.0	87.7	91.5	92.3	93.0	93.9	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 500	67.3	78.9	84.4	88.6	92.7	93.4	94.2	95.5	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 400	67.3	78.9	84.8	89.1	93.4	94.8	95.7	97.0	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	67.3	79.0	84.9	89.2	93.5	94.9	95.9	97.3	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 200	67.3	79.0	84.9	89.2	93.5	94.9	95.9	97.3	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	67.3	79.0	84.9	89.2	93.5	94.9	95.9	97.3	97.8	98.9	99.0	99.0	99.1	99.1	99.2	99.6
GE 000	67.3	79.0	84.9	89.2	93.5	94.9	95.9	97.3	97.8	98.9	99.0	99.0	99.1	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.1	44.2	46.8	48.4	49.6	49.9	50.3	50.6	50.6	50.9	51.1	51.1	51.1	51.1	51.3	51.3
GE 20000	42.4	50.2	53.7	55.6	57.2	57.6	58.2	58.5	58.5	58.7	59.0	59.0	59.0	59.0	59.2	59.2
GE 18000	42.4	50.2	53.7	55.6	57.2	57.6	58.2	58.5	58.5	58.7	59.0	59.0	59.0	59.0	59.2	59.2
GE 16000	42.4	50.2	53.7	55.6	57.2	57.6	58.2	58.5	58.5	58.7	59.0	59.0	59.0	59.0	59.2	59.2
GE 14000	42.4	50.2	53.7	55.6	57.2	57.6	58.2	58.5	58.5	58.7	59.0	59.0	59.0	59.0	59.2	59.2
GE 12000	42.9	51.2	54.8	56.8	58.5	58.9	59.5	59.8	59.8	60.0	60.3	60.3	60.3	60.3	60.5	60.5
GE 10000	45.8	54.6	58.7	60.9	62.8	63.2	63.9	64.2	64.4	64.6	64.9	64.9	64.9	64.9	65.2	65.2
GE 9000	45.8	54.9	59.0	61.2	63.2	63.9	64.6	64.9	65.2	65.4	65.7	65.7	65.7	65.7	65.9	65.9
GE 8000	48.2	57.6	62.2	64.6	66.8	67.4	68.2	68.5	68.7	68.9	69.2	69.2	69.2	69.2	69.5	69.5
GE 7000	50.0	59.8	64.3	67.0	69.4	70.0	70.9	71.2	71.4	71.6	71.9	71.9	71.9	71.9	72.2	72.2
GE 6000	50.9	60.6	65.2	67.8	70.2	70.9	71.7	72.4	72.6	72.8	73.1	73.1	73.1	73.1	73.3	73.3
GE 5000	51.3	61.2	65.7	68.7	71.4	72.0	72.9	73.5	73.8	74.0	74.3	74.3	74.3	74.3	74.5	74.5
GE 4500	52.6	62.6	67.2	70.2	72.9	73.5	74.4	75.1	75.3	75.5	75.8	75.8	75.8	75.8	76.0	76.0
GE 4000	53.9	64.4	69.1	72.4	75.4	76.0	77.1	77.7	78.1	78.3	78.6	78.6	78.6	78.6	78.8	78.9
GE 3500	54.4	65.2	69.9	73.1	76.3	77.0	78.2	78.8	79.1	79.4	79.7	79.7	79.7	79.7	79.9	80.0
GE 3000	55.5	66.5	71.4	75.1	78.7	79.4	80.6	81.3	81.7	81.9	82.3	82.3	82.3	82.3	82.5	82.6
GE 2500	56.2	67.2	72.3	76.0	79.7	80.4	81.7	82.4	82.8	83.0	83.3	83.3	83.3	83.3	83.5	83.7
GE 2000	56.5	67.8	73.0	76.8	80.5	81.4	82.7	83.5	84.0	84.2	84.5	84.5	84.5	84.5	84.7	84.8
GE 1800	56.8	68.2	73.3	77.1	80.9	81.7	83.0	83.9	84.3	84.5	84.8	84.8	84.8	84.8	85.1	85.2
GE 1500	56.9	68.6	73.8	77.5	81.6	82.5	83.8	84.7	85.2	85.4	85.7	85.7	85.7	85.7	85.9	86.0
GE 1200	57.5	69.5	74.8	79.0	83.1	84.0	85.4	86.5	86.9	87.1	87.4	87.4	87.4	87.4	87.6	87.7
GE 1000	58.1	70.0	75.7	80.0	84.1	85.2	86.6	87.6	88.1	88.3	88.6	88.6	88.6	88.6	88.8	88.9
GE 900	58.1	70.1	75.8	80.1	84.3	85.5	86.9	88.0	88.4	88.6	88.9	88.9	88.9	88.9	89.1	89.2
GE 800	58.5	70.6	76.3	80.6	84.9	86.1	87.7	88.8	89.2	89.5	89.8	89.8	89.8	89.8	90.0	90.1
GE 700	58.6	70.9	76.6	80.9	85.4	86.8	88.5	89.6	90.0	90.2	90.5	90.5	90.5	90.5	90.8	90.9
GE 600	58.6	71.0	76.7	81.1	85.7	87.4	89.2	90.3	90.8	91.0	91.3	91.3	91.3	91.3	91.5	91.6
GE 500	58.6	71.1	76.9	81.9	86.8	88.5	90.5	91.9	92.6	92.8	93.1	93.1	93.1	93.1	93.3	93.4
GE 400	58.7	71.2	77.2	82.7	88.0	90.0	92.4	93.8	94.4	94.7	95.1	95.1	95.1	95.1	95.4	95.5
GE 300	58.7	71.2	77.2	82.8	88.1	90.4	93.3	94.9	95.6	96.1	96.5	96.5	96.5	96.5	96.8	96.9
GE 200	58.7	71.2	77.2	82.8	88.1	90.5	93.4	95.5	96.5	97.2	97.6	97.6	97.7	97.8	98.2	98.3
GE 100	58.7	71.2	77.2	82.8	88.1	90.5	93.4	95.6	96.7	97.4	98.1	98.1	98.4	98.6	99.1	99.5
GE 000	58.7	71.2	77.2	82.8	88.1	90.5	93.4	95.6	96.7	97.4	98.1	98.1	98.5	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 06-08

CEILING IN FEET	GE 7	GE 6	G 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.7	42.9	45.7	47.4	48.1	48.7	49.0	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 20000	41.7	49.5	52.9	54.6	55.4	56.2	56.7	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 18000	41.9	49.7	53.1	54.8	55.6	56.5	56.9	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 16000	41.9	49.7	53.1	54.8	55.6	56.5	56.9	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 14000	42.3	50.1	53.5	55.3	56.1	57.0	57.4	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 12000	43.2	51.7	55.4	57.3	58.3	59.2	59.8	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 10000	45.6	54.6	58.9	61.2	62.6	63.5	64.2	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.8
GE 9000	45.8	55.5	60.0	62.3	63.8	64.7	65.4	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.0
GE 8000	48.3	58.6	63.3	66.0	67.5	68.5	69.2	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.1
GE 7000	49.8	60.1	65.1	67.8	69.5	70.4	71.3	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.2
GE 6000	50.0	60.3	65.3	68.1	69.7	70.6	71.5	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.4
GE 5000	51.1	61.6	66.8	69.9	71.8	72.8	73.7	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.6
GE 4500	51.6	62.4	67.5	70.8	72.9	74.1	74.9	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	76.0
GE 4000	52.8	64.1	69.5	72.8	75.4	76.6	77.4	78.4	78.5	78.7	78.9	78.9	78.9	78.9	78.9	79.1
GE 3500	53.3	64.7	70.1	73.4	76.1	77.3	78.2	79.1	79.2	79.5	79.7	79.7	79.7	79.7	79.7	79.9
GE 3000	54.0	65.8	71.4	75.1	78.1	79.5	80.3	81.4	81.5	81.7	81.9	81.9	81.9	81.9	81.9	82.2
GE 2500	54.1	66.1	71.8	75.6	78.6	80.0	81.0	82.0	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.8
GE 2000	54.2	66.2	71.9	75.8	78.9	80.5	81.5	82.6	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.3
GE 1800	54.2	66.2	71.9	75.8	79.0	80.6	81.6	82.7	82.8	83.0	83.2	83.2	83.2	83.2	83.2	83.4
GE 1500	55.1	67.5	73.3	77.3	80.6	82.4	83.4	84.6	84.7	84.9	85.2	85.2	85.2	85.2	85.2	85.4
GE 1200	55.5	68.1	74.2	78.3	81.6	83.3	84.4	85.6	85.7	85.9	86.1	86.1	86.1	86.1	86.1	86.3
GE 1000	55.6	68.2	74.4	78.8	82.5	84.3	85.5	86.7	86.8	87.1	87.3	87.3	87.3	87.3	87.3	87.5
GE 900	55.7	68.3	74.5	78.9	82.6	84.4	85.6	86.8	86.9	87.2	87.4	87.4	87.4	87.4	87.4	87.6
GE 800	55.8	68.5	74.7	79.1	83.2	85.1	86.3	87.6	87.7	88.1	88.3	88.3	88.3	88.3	88.3	88.5
GE 700	56.1	69.0	75.3	80.1	84.8	87.0	88.5	90.1	90.2	90.6	90.9	90.9	90.9	90.9	90.9	91.1
GE 600	56.2	69.1	75.4	80.2	85.1	87.4	88.9	90.6	90.8	91.2	91.4	91.4	91.4	91.4	91.4	91.6
GE 500	56.3	69.4	75.7	80.5	85.6	88.1	89.7	91.7	91.8	92.3	92.5	92.5	92.5	92.5	92.5	92.7
GE 400	56.3	69.4	75.8	81.1	86.3	89.5	91.7	93.9	94.0	94.7	94.9	95.1	95.2	95.2	95.2	95.4
GE 300	56.3	69.4	75.8	81.1	86.5	89.6	92.0	94.5	94.7	95.9	96.1	96.3	96.5	96.5	96.5	96.7
GE 200	56.3	69.4	75.8	81.1	86.5	89.6	92.4	94.8	95.3	97.2	97.5	97.8	98.0	98.3	98.6	98.9
GE 100	56.3	69.4	75.8	81.1	86.5	89.6	92.4	94.8	95.3	97.2	97.5	97.8	98.1	98.5	98.8	99.7
GE 000	56.3	69.4	75.8	81.1	86.5	89.6	92.4	94.8	95.3	97.2	97.5	97.8	98.1	98.5	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.2	48.2	49.0	49.2	49.5	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 20000	49.6	57.3	58.4	58.6	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 18000	49.6	57.3	58.4	58.6	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 16000	49.7	57.4	58.5	58.7	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 14000	49.8	57.5	58.6	58.8	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 12000	51.1	59.8	61.0	61.3	61.8	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 10000	53.8	63.0	64.5	64.9	65.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 9000	54.0	63.3	64.8	65.3	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 8000	56.2	66.2	68.1	68.7	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 7000	57.2	67.3	69.1	69.8	70.4	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 6000	57.6	67.8	69.8	70.4	71.1	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 5000	58.1	68.4	70.5	71.7	72.6	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4500	59.0	69.6	71.9	73.3	74.3	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 4000	61.6	72.4	74.8	76.2	77.2	77.8	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3500	62.2	73.2	75.7	77.3	78.3	78.9	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 3000	63.7	75.2	77.6	79.2	80.3	81.0	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 2500	64.1	76.0	78.6	80.3	81.5	82.4	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2000	64.4	76.7	79.2	81.0	82.2	83.2	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1800	64.5	77.0	79.6	81.3	82.7	83.8	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1500	65.6	78.7	81.6	83.4	84.8	86.0	86.7	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
GE 1200	66.3	79.6	82.8	84.9	86.7	88.0	88.6	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2
GE 1000	66.5	79.7	83.2	85.7	87.5	89.0	89.9	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5
GE 900	66.6	79.9	83.5	86.0	87.8	89.4	90.3	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	66.9	80.4	84.1	86.7	89.0	90.9	91.9	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6
GE 700	66.9	80.5	84.4	87.1	89.7	91.9	93.1	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0
GE 600	66.9	80.5	84.4	87.3	90.3	92.8	94.2	94.7	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	66.9	80.9	84.7	88.0	91.1	93.5	95.4	96.1	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5
GE 400	66.9	80.9	84.8	88.2	91.7	94.4	96.5	97.6	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	66.9	80.9	84.8	88.2	91.7	94.4	96.5	98.0	98.4	98.7	98.8	99.0	99.0	99.0	99.0	99.0
GE 200	66.9	80.9	84.8	88.2	91.7	94.4	96.5	98.2	98.6	99.2	99.4	99.7	99.8	99.8	99.8	99.9
GE 100	66.9	80.9	84.8	88.2	91.7	94.4	96.5	98.2	98.6	99.2	99.4	99.7	99.8	99.8	99.9	100.0
GE 000	66.9	80.9	84.8	88.2	91.7	94.4	96.5	98.2	98.6	99.2	99.4	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	46.3	46.9	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 20000	51.9	56.7	57.4	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 18000	52.6	57.3	58.1	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 16000	52.6	57.3	58.1	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 14000	52.7	57.4	58.2	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 12000	53.8	58.7	59.7	60.4	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 10000	55.8	61.2	62.4	63.1	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 9000	56.1	61.5	62.7	63.4	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 8000	59.7	65.9	67.1	67.8	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 7000	60.5	66.9	68.1	68.8	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 6000	61.7	68.1	69.2	70.0	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 5000	62.6	69.1	70.3	71.3	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4500	64.1	71.0	72.8	74.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	68.4	75.8	77.6	78.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3500	69.4	76.9	78.7	80.0	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3000	71.2	79.4	81.3	82.7	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2
GE 2500	72.4	81.0	83.1	84.5	85.7	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3
GE 2000	73.2	81.9	84.6	86.3	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3
GE 1800	73.4	82.2	84.9	86.8	88.1	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7
GE 1500	74.8	83.8	86.9	89.1	90.9	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0
GE 1200	75.1	84.1	87.2	90.0	91.9	92.7	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3
GE 1000	75.3	84.5	87.7	90.5	92.7	93.8	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8
GE 900	75.4	84.6	88.0	90.9	93.1	94.2	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4
GE 800	75.4	84.6	88.1	91.0	93.3	94.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9
GE 700	75.4	84.6	88.1	91.1	93.8	95.1	96.3	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1
GE 600	75.4	84.6	88.1	91.1	94.0	95.4	96.9	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7
GE 500	75.4	84.6	88.1	91.1	94.1	95.5	97.3	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3
GE 400	75.4	84.7	88.2	91.2	94.2	95.7	97.7	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1
GE 300	75.4	84.7	88.2	91.2	94.7	96.2	98.3	98.9	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9
GE 200	75.4	84.7	88.2	91.2	94.8	96.3	98.4	99.0	99.5	99.6	99.8	99.9	99.9	99.9	100.0	100.0
GE 100	75.4	84.7	88.2	91.2	94.8	96.3	98.4	99.0	99.5	99.6	99.8	99.9	99.9	99.9	100.0	100.0
GE 000	75.4	84.7	88.2	91.2	94.8	96.3	98.4	99.0	99.5	99.6	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.2	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 20000	53.4	57.4	57.7	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 18000	53.4	57.4	57.7	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 16000	53.4	57.4	57.7	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 14000	53.9	57.8	58.2	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 12000	55.1	59.4	59.9	60.3	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 10000	56.7	61.4	62.0	62.5	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 9000	57.4	62.2	62.8	63.2	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 8000	60.3	65.8	66.6	67.2	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 7000	61.7	67.4	68.3	68.9	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 6000	63.0	68.8	69.7	70.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 5000	65.3	71.5	72.4	73.2	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4500	67.3	74.1	75.6	76.5	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4000	71.0	78.0	79.8	80.8	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 3500	72.2	79.7	81.6	82.7	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3000	73.3	81.3	84.0	85.1	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	75.1	83.0	86.0	87.2	88.0	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2000	75.5	83.7	86.9	88.1	88.8	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1800	75.8	84.0	87.2	88.6	89.6	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1500	76.6	84.9	88.3	90.1	91.5	92.2	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1200	76.7	85.1	88.4	90.3	91.9	92.6	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	76.7	85.2	88.6	90.8	92.4	93.3	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 900	76.7	85.2	88.6	90.9	92.5	93.4	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 800	76.8	85.4	88.9	91.4	93.2	94.2	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	76.8	85.6	89.1	91.7	93.8	94.9	95.7	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 600	76.8	85.6	89.1	91.7	94.0	95.7	96.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	76.8	85.6	89.2	91.8	94.1	95.8	96.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	76.8	85.6	89.2	91.9	94.3	96.5	97.4	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	76.8	85.6	89.2	92.2	94.6	96.9	97.8	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	76.8	85.6	89.2	92.2	94.6	96.9	97.8	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	100.0
GE 100	76.8	85.6	89.2	92.2	94.6	96.9	97.8	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	100.0
GE 000	76.8	85.6	89.2	92.2	94.6	96.9	97.8	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.4	47.1	47.7	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	52.2	56.1	57.5	58.1	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 18000	52.4	56.3	57.7	58.3	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 16000	52.4	56.3	57.7	58.3	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 14000	52.7	56.7	58.1	58.6	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 12000	53.3	57.6	59.4	60.2	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	55.1	59.8	61.7	62.9	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 9000	55.8	60.6	62.7	63.9	64.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 8000	59.5	64.7	67.0	68.3	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 7000	60.8	66.2	68.7	70.0	70.6	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 6000	62.3	67.7	70.2	71.5	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 5000	64.5	70.1	73.0	74.3	74.9	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 4500	66.2	72.5	75.5	77.2	78.0	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 4000	68.6	75.6	79.0	81.3	82.6	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3500	69.8	76.9	80.4	82.8	84.3	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	71.0	78.2	81.9	84.5	86.6	87.0	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2500	72.3	79.7	83.7	86.5	88.8	89.2	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2000	72.6	80.1	84.1	87.2	89.7	90.2	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1800	72.7	80.2	84.2	87.4	90.0	90.5	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	72.8	80.5	84.5	88.1	91.0	91.6	92.5	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1200	73.0	80.8	84.7	88.4	91.5	92.2	93.0	93.1	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1000	73.3	81.1	85.1	89.0	92.5	93.1	94.0	94.1	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 900	73.4	81.2	85.2	89.2	92.7	93.3	94.3	94.4	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	73.5	81.4	85.4	89.5	93.0	93.8	94.8	94.9	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	73.5	81.7	85.7	89.9	93.5	94.3	95.5	95.9	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 600	73.5	81.7	85.7	89.9	93.5	94.3	95.5	95.9	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 500	73.7	81.8	85.8	90.0	93.9	94.6	95.8	96.3	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	73.7	81.8	85.8	90.1	94.3	95.2	96.7	97.7	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	73.7	81.8	85.8	90.1	94.3	95.5	97.2	98.5	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	73.7	81.8	85.8	90.1	94.3	95.5	97.2	98.5	98.8	99.6	99.8	99.8	99.8	99.8	99.9	99.9
GE 100	73.7	81.8	85.8	90.1	94.3	95.5	97.2	98.5	98.8	99.6	99.8	99.8	99.8	99.8	99.9	99.9
GE 000	73.7	81.8	85.8	90.1	94.3	95.5	97.2	98.5	98.8	99.6	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.1	51.3	52.8	53.5	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 20000	52.6	56.7	58.8	59.8	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 18000	52.7	56.8	58.9	59.9	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 16000	52.7	56.8	58.9	59.9	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 14000	52.8	56.9	59.1	60.1	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 12000	53.2	58.1	60.3	61.3	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 10000	55.7	60.6	63.0	64.1	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 9000	56.1	61.2	63.5	64.6	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 8000	60.6	66.7	69.2	70.4	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 7000	61.7	67.7	70.5	71.7	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 6000	62.3	68.3	71.3	72.5	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 5000	64.2	70.6	73.8	74.9	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 4500	65.7	72.9	76.2	77.6	78.9	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 4000	67.3	75.2	78.7	80.5	81.8	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	68.7	76.9	80.8	82.8	84.2	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 3000	70.9	79.4	83.5	85.8	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2500	71.8	80.6	84.8	87.1	88.9	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2000	72.3	81.1	85.3	87.5	89.7	90.0	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	72.3	81.2	85.5	87.8	90.0	90.3	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	72.7	81.6	86.1	88.8	91.2	91.5	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1200	72.7	81.7	86.2	88.9	91.4	91.7	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1000	72.8	81.8	86.5	89.1	92.3	92.6	93.0	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 900	72.9	81.9	86.7	89.4	92.5	92.8	93.2	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 800	72.9	82.0	86.8	89.7	92.9	93.2	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 700	72.9	82.2	87.1	90.0	93.9	94.2	94.8	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 600	72.9	82.2	87.1	90.0	94.0	94.4	95.1	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 500	72.9	82.2	87.2	90.2	94.9	95.6	96.5	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	72.9	82.3	87.4	90.4	95.2	96.1	97.2	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	72.9	82.3	87.4	90.4	95.3	96.2	97.3	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	72.9	82.3	87.4	90.4	95.4	96.3	97.6	98.5	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	72.9	82.3	87.4	90.4	95.4	96.3	97.6	98.5	98.9	99.4	99.7	99.7	99.7	99.7	99.7	100.0
GE 000	72.9	82.3	87.4	90.4	95.4	96.3	97.6	98.5	98.9	99.4	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.5	47.0	48.3	49.0	49.4	49.6	49.7	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 20000	48.8	54.8	56.6	57.5	58.1	58.4	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 18000	49.0	54.9	56.8	57.7	58.3	58.6	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0
GE 16000	49.0	54.9	56.8	57.7	58.3	58.6	58.8	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0
GE 14000	49.2	55.2	57.0	57.9	58.6	58.9	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.3	59.3
GE 12000	50.1	56.5	58.6	59.6	60.3	60.6	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 10000	52.4	59.4	61.7	62.8	63.8	64.1	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.6	64.6
GE 9000	52.8	59.9	62.3	63.5	64.4	64.7	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3
GE 8000	56.2	63.9	66.5	67.9	68.9	69.3	69.5	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 7000	57.4	65.3	68.0	69.4	70.5	70.9	71.1	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5
GE 6000	58.3	66.2	68.9	70.3	71.4	71.8	72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5
GE 5000	59.6	67.7	70.6	72.3	73.5	73.9	74.2	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6
GE 4500	61.0	69.6	72.8	74.6	76.0	76.5	76.8	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
GE 4000	63.3	72.3	75.7	77.7	79.3	79.8	80.2	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8
GE 3500	64.2	73.5	76.9	79.1	80.8	81.3	81.6	82.0	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2
GE 3000	65.6	75.3	79.0	81.4	83.3	83.8	84.2	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9
GE 2500	66.5	76.3	80.2	82.6	84.7	85.3	85.7	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.4	86.4
GE 2000	66.9	76.9	80.8	83.4	85.5	86.2	86.8	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.5
GE 1800	67.0	77.1	81.1	83.7	85.9	86.7	87.2	87.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9	88.0
GE 1500	67.7	78.0	82.1	85.0	87.5	88.3	89.0	89.5	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.9
GE 1200	68.0	78.4	82.7	85.8	88.5	89.3	90.0	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	68.2	78.6	83.1	86.4	89.3	90.3	91.1	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.1
GE 900	68.2	78.7	83.2	86.6	89.5	90.5	91.3	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.3	92.3
GE 800	68.4	79.0	83.5	86.9	90.1	91.2	92.2	92.8	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2
GE 700	68.4	79.2	83.8	87.3	90.8	92.0	93.2	94.0	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.5
GE 600	68.5	79.2	83.8	87.4	91.0	92.5	93.7	94.5	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.1
GE 500	68.5	79.3	84.0	87.8	91.6	93.1	94.5	95.5	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.2
GE 400	68.5	79.3	84.2	88.1	92.2	94.0	95.7	96.9	97.2	97.5	97.6	97.6	97.6	97.6	97.7	97.7
GE 300	68.5	79.4	84.2	88.1	92.3	94.3	96.0	97.4	97.8	98.2	98.3	98.4	98.4	98.4	98.5	98.5
GE 200	68.5	79.4	84.2	88.1	92.4	94.3	96.2	97.7	98.1	98.8	99.0	99.1	99.2	99.2	99.4	99.4
GE 100	68.5	79.4	84.2	88.1	92.4	94.3	96.2	97.7	98.1	98.9	99.1	99.2	99.3	99.4	99.6	99.8
GE 000	68.5	79.4	84.2	88.1	92.4	94.3	96.2	97.7	98.1	98.9	99.1	99.2	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.8	50.9	57.0	60.1	61.3	61.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 20000	48.6	58.9	66.2	70.4	72.1	72.2	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 18000	48.6	58.9	66.2	70.4	72.1	72.2	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 16000	48.6	58.9	66.2	70.4	72.1	72.2	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 14000	48.9	59.2	66.6	70.8	72.4	72.6	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 12000	49.6	59.9	67.2	71.4	73.3	73.4	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 10000	52.3	63.1	70.7	75.0	77.0	77.1	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 9000	53.1	63.9	71.9	76.2	78.3	78.4	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 8000	55.7	67.0	75.1	79.4	81.7	81.8	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 7000	56.4	67.8	75.9	80.2	82.4	82.6	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 6000	56.9	68.3	76.4	80.8	83.0	83.1	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 5000	57.9	69.3	77.4	82.0	84.4	84.6	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	8.1	85.1
GE 4500	58.6	70.4	78.9	83.6	86.0	86.1	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4000	60.3	72.4	81.0	85.9	89.0	89.1	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3500	61.2	73.3	82.0	86.9	90.0	90.1	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 3000	61.3	74.0	82.7	87.9	91.0	91.1	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2500	61.9	74.6	83.4	88.7	92.1	92.2	92.8	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2000	62.0	74.9	83.8	89.0	92.6	92.7	93.2	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1800	62.0	74.9	83.8	89.1	92.7	92.8	93.4	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	62.3	75.2	84.2	89.7	93.2	93.3	94.0	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	62.4	75.3	84.4	90.0	93.7	93.9	94.6	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	62.6	75.4	84.6	90.3	94.0	94.3	95.2	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	62.6	75.4	84.6	90.4	94.1	94.4	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	62.7	75.7	84.8	90.7	94.3	94.7	95.8	96.1	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	62.7	75.8	84.9	90.8	94.4	94.8	95.9	96.4	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	62.7	75.8	84.9	90.8	94.6	94.9	96.1	96.8	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	62.8	75.9	85.0	90.9	94.8	95.1	96.4	97.2	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 400	62.8	76.0	85.1	91.0	94.9	95.4	97.1	97.9	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	62.8	76.0	85.1	91.0	94.9	95.4	97.1	98.1	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	62.8	76.0	85.1	91.0	94.9	95.6	97.3	98.3	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	62.8	76.0	85.1	91.0	94.9	95.6	97.3	98.3	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 000	62.8	76.0	85.1	91.0	94.9	95.6	97.3	98.3	99.0	99.6	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.7	43.6	48.8	52.6	55.7	56.2	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 20000	38.0	49.6	55.7	60.4	64.1	65.0	66.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 18000	38.0	49.6	55.7	60.4	64.1	65.0	66.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 16000	38.0	49.6	55.7	60.4	64.1	65.0	66.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 14000	38.3	49.9	56.0	60.8	64.4	65.3	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 12000	39.1	50.7	56.8	61.6	65.2	66.1	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 10000	43.4	56.0	62.9	67.9	71.7	72.7	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 9000	43.8	56.6	63.8	68.9	72.9	73.9	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 8000	45.3	59.1	66.4	72.0	76.2	77.2	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 7000	46.2	60.0	67.3	72.9	77.2	78.2	79.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 6000	46.3	60.1	67.4	73.2	77.6	78.6	80.1	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 5000	47.9	61.8	69.6	75.3	79.8	80.9	82.4	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4500	48.6	62.8	70.8	76.6	81.0	82.1	83.8	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4000	50.6	64.9	73.3	79.2	83.9	85.0	86.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3500	50.9	65.3	73.8	79.7	84.6	85.8	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000	51.4	66.2	74.8	80.9	85.9	87.2	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2500	51.4	66.3	74.9	81.0	86.1	87.4	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2000	51.7	66.7	75.2	81.3	86.4	87.9	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1800	51.7	66.8	75.3	81.4	86.6	88.0	89.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1500	52.4	67.6	76.1	82.3	87.4	88.9	90.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1200	52.4	67.6	76.1	82.3	87.6	89.0	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1000	52.7	67.8	76.3	82.6	87.8	89.3	91.3	92.1	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.4
GE 900	52.9	68.0	76.7	82.9	88.1	89.7	91.7	92.4	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.8
GE 800	53.0	68.3	77.1	83.3	88.6	90.4	92.4	93.2	93.3	93.3	93.4	93.4	93.6	93.6	93.6	93.6
GE 700	53.2	68.6	77.3	83.6	88.8	90.9	92.9	93.8	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2
GE 600	53.3	68.7	77.6	84.0	89.4	91.6	93.7	94.7	94.9	94.9	95.0	95.0	95.2	95.2	95.2	95.2
GE 500	53.3	68.7	77.6	84.0	89.6	91.7	94.0	95.2	95.4	95.4	95.6	95.6	95.8	95.8	95.8	95.8
GE 400	53.3	68.8	77.8	84.2	90.2	92.3	94.8	96.1	96.3	96.6	97.1	97.1	97.3	97.3	97.3	97.3
GE 300	53.3	68.8	77.9	84.3	90.6	92.7	95.4	96.8	97.2	97.7	98.2	98.2	98.7	98.7	98.7	98.8
GE 200	53.3	68.8	78.0	84.4	90.8	92.9	95.7	97.0	97.4	98.0	98.6	98.6	99.0	99.0	99.3	99.7
GE 100	53.3	68.8	78.0	84.4	90.8	92.9	95.7	97.0	97.4	98.0	98.6	98.6	99.0	99.0	99.3	99.8
GE 000	53.3	68.8	78.0	84.4	90.8	92.9	95.7	97.0	97.4	98.0	98.6	98.6	99.0	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.8	42.3	47.9	52.1	53.4	54.4	55.1	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4
GE 20000	35.2	47.6	54.8	60.1	61.4	63.1	63.8	64.1	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4
GE 18000	35.2	47.6	54.8	60.1	61.4	63.1	63.8	64.1	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4
GE 16000	35.2	47.7	54.9	60.2	61.6	63.2	63.9	64.2	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6
GE 14000	35.4	47.9	55.1	60.4	61.8	63.4	64.1	64.4	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8
GE 12000	36.0	48.8	56.2	61.6	62.9	64.6	65.3	65.7	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0
GE 10000	38.6	52.8	61.1	67.2	68.9	70.6	71.3	71.7	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0
GE 9000	39.0	53.7	62.2	68.4	70.1	71.8	72.6	72.9	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2
GE 8000	40.7	56.3	65.2	71.7	73.7	75.6	76.3	76.7	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1
GE 7000	41.8	57.4	66.3	72.8	74.8	76.7	77.6	77.9	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3
GE 6000	41.9	57.6	66.4	73.0	75.0	76.9	77.8	78.1	78.2	78.4	78.6	78.6	78.6	78.6	78.6	78.6
GE 5000	43.4	59.1	68.0	74.7	76.7	78.6	79.6	79.9	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3
GE 4500	44.2	59.9	68.8	75.4	77.6	79.4	80.4	80.8	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2
GE 4000	46.4	62.3	71.3	78.2	80.9	82.8	83.8	84.1	84.2	84.4	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500	47.0	63.0	72.0	78.9	81.9	83.8	84.8	85.1	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000	47.4	63.8	72.8	79.8	82.8	84.7	86.0	86.4	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.0
GE 2500	47.8	64.2	73.2	80.2	83.2	85.1	86.6	87.0	87.1	87.3	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	48.1	64.9	73.9	80.9	84.1	86.0	87.6	88.0	88.1	88.3	88.6	88.6	88.6	88.6	88.6	88.6
GE 1800	48.6	65.2	74.2	81.2	84.4	86.3	87.9	88.3	88.4	88.7	88.9	88.9	88.9	88.9	88.9	88.9
GE 1500	49.4	66.3	75.6	82.6	86.0	88.0	89.6	90.0	90.1	90.3	90.6	90.6	90.6	90.6	90.6	90.6
GE 1200	49.7	66.8	76.2	83.2	86.7	88.7	90.4	91.0	91.1	91.4	91.7	91.7	91.7	91.7	91.7	91.7
GE 1000	50.2	67.3	76.8	83.8	87.3	89.4	91.4	92.0	92.1	92.4	92.8	92.8	92.8	92.8	92.8	92.8
GE 900	50.3	67.4	76.9	83.9	87.4	89.6	91.6	92.1	92.2	92.6	92.9	92.9	92.9	92.9	92.9	92.9
GE 800	50.8	67.9	77.3	84.4	88.0	90.3	92.4	93.1	93.2	93.6	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	51.0	68.1	77.6	84.7	88.2	90.6	92.9	93.7	93.8	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	51.0	68.3	77.9	85.0	88.6	90.9	93.4	94.3	94.4	94.8	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	51.0	68.3	77.9	85.0	88.7	91.0	93.7	94.9	95.0	95.4	95.8	95.8	95.8	95.8	95.9	95.9
GE 400	51.0	68.3	77.9	85.0	88.8	91.1	93.9	95.8	96.0	96.8	97.2	97.2	97.4	97.4	97.6	97.6
GE 300	51.0	68.6	78.3	85.6	89.3	91.7	94.4	96.6	96.9	97.8	98.2	98.2	98.4	98.4	98.8	98.8
GE 200	51.0	68.6	78.3	85.6	89.4	91.8	94.6	96.7	97.0	98.0	98.4	98.7	99.0	99.0	99.4	99.7
GE 100	51.0	68.6	78.3	85.6	89.4	91.8	94.6	96.7	97.0	98.0	98.4	98.7	99.0	99.0	99.4	99.8
GE 000	51.0	68.6	78.3	85.6	89.4	91.8	94.6	96.7	97.0	98.0	98.4	98.7	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.4	50.9	55.4	56.1	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 20000	47.0	60.1	65.3	66.4	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 18000	47.2	60.3	65.6	66.7	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000	47.2	60.3	65.6	66.7	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 14000	47.4	60.6	65.8	66.9	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 12000	48.9	62.7	67.9	69.0	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 10000	52.6	68.1	73.7	74.8	75.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 9000	53.0	68.7	74.3	75.4	76.3	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 8000	54.2	70.8	76.7	78.0	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 7000	55.0	71.7	77.6	79.0	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 6000	55.6	72.3	78.2	79.9	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 5000	56.8	73.9	79.8	81.6	82.4	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4500	57.9	75.2	81.3	83.1	84.0	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4000	59.3	77.3	83.6	85.4	86.4	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3500	60.3	78.4	84.7	86.6	87.6	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 3000	61.1	79.7	86.6	88.4	89.6	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2500	62.1	80.9	87.8	89.8	90.9	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2000	62.8	81.6	88.7	90.8	91.9	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1800	63.2	82.2	89.3	91.4	92.6	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1500	63.6	82.8	89.9	92.1	93.2	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	63.7	83.3	90.4	92.8	93.9	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	63.9	83.7	90.9	93.3	94.6	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 900	63.9	83.9	91.1	93.6	94.8	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	64.2	84.3	91.8	94.2	95.7	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	64.3	84.4	92.1	94.7	96.1	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	64.3	84.4	92.1	94.7	96.1	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	64.3	84.4	92.1	94.8	96.2	97.2	97.8	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	64.3	84.4	92.1	94.8	96.4	97.7	98.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	64.3	84.4	92.1	95.0	96.7	97.9	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	64.3	84.4	92.1	95.0	96.7	97.9	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	64.3	84.4	92.1	95.0	96.7	97.9	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	64.3	84.4	92.1	95.0	96.7	97.9	98.9	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.1	46.2	49.8	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 20000	49.4	58.4	62.8	63.3	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 18000	49.6	58.6	62.9	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 16000	49.6	58.6	62.9	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 14000	50.0	59.0	63.3	63.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 12000	51.7	60.9	65.4	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000	55.8	66.3	71.2	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 9000	56.4	67.4	72.3	73.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 8000	59.6	71.8	77.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 7000	60.2	72.4	77.9	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 6000	60.9	73.1	78.7	79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 5000	61.8	74.1	79.7	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4500	63.0	76.3	82.0	83.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 4000	66.4	81.0	86.8	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3500	67.7	82.3	88.2	89.2	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	69.7	85.0	91.2	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2500	70.0	85.6	91.9	93.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	70.6	86.3	92.8	94.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	70.8	86.6	93.0	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	71.0	86.8	93.3	94.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	71.0	87.7	94.2	95.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	71.3	88.2	94.9	96.3	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	71.4	88.4	95.1	96.6	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	71.4	88.4	95.2	96.7	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	71.4	88.6	95.3	96.8	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	71.4	88.6	95.3	96.8	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	71.4	88.6	95.4	96.9	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	71.4	88.7	95.7	97.1	98.8	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	71.4	88.7	95.7	97.1	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	71.4	88.7	95.7	97.1	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	71.4	88.7	95.7	97.1	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	71.4	88.7	95.7	97.1	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.4	44.8	46.6	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 20000	49.2	59.1	61.8	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 18000	49.2	59.1	61.8	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 16000	49.2	59.1	61.8	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 14000	49.8	59.7	62.3	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 12000	50.8	61.0	63.8	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 10000	54.0	65.2	68.4	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 9000	54.6	65.8	69.1	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 8000	58.2	70.3	73.9	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 7000	59.3	71.4	75.0	76.1	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 6000	60.1	72.2	75.8	76.9	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 5000	61.0	73.1	76.8	77.9	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4500	62.8	76.0	79.9	81.0	81.4	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4000	67.4	82.3	86.9	88.1	88.9	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3500	68.9	84.2	89.4	90.7	91.7	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3000	70.0	85.7	91.2	92.9	94.1	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2500	70.1	86.1	92.1	93.9	95.2	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	70.1	86.2	92.3	94.2	95.7	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	70.3	86.4	92.7	94.6	96.0	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1500	70.6	87.0	93.2	95.2	96.7	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	70.8	87.2	93.4	95.7	97.1	97.6	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	70.8	87.2	93.6	95.9	97.3	97.8	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6
GE 900	70.8	87.2	93.6	96.0	97.4	97.9	98.0	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7
GE 800	70.8	87.2	93.6	96.0	97.4	97.9	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 700	70.8	87.3	93.7	96.1	97.6	98.1	98.2	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0
GE 600	70.8	87.3	93.7	96.1	97.7	98.3	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 500	70.8	87.6	94.1	96.6	98.2	98.9	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 400	70.8	87.6	94.1	96.7	98.3	99.0	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 300	70.8	87.6	94.1	96.7	98.3	99.0	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 200	70.8	87.6	94.1	96.7	98.3	99.0	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 100	70.8	87.6	94.1	96.7	98.3	99.0	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 000	70.8	87.6	94.1	96.7	98.3	99.0	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.6	46.5	49.1	49.6	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 20000	50.3	60.6	64.4	65.9	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 18000	50.7	61.0	64.8	66.4	67.0	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 16000	50.7	61.0	64.8	66.4	67.0	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 14000	51.3	61.7	65.5	67.1	67.8	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 12000	52.3	62.9	66.7	68.5	69.2	69.4	69.4	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 10000	56.7	67.6	71.5	73.7	74.4	74.6	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 9000	57.1	68.5	72.4	74.6	75.3	75.8	75.8	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 8000	60.4	72.3	76.4	78.8	79.7	80.3	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 7000	60.5	72.4	76.7	79.2	80.1	80.6	80.6	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 6000	61.0	72.9	77.3	79.7	80.6	81.2	81.2	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 5000	62.7	74.7	79.1	81.5	82.6	83.2	83.3	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 4500	63.6	76.1	80.4	82.9	84.0	84.7	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000	66.5	79.8	84.5	87.1	88.4	89.4	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3500	67.8	81.8	86.7	89.6	91.1	92.1	92.3	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3000	68.9	83.1	88.0	91.3	93.0	94.0	94.4	94.5	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0
GE 2500	69.4	83.6	88.6	92.1	93.8	94.8	95.3	95.4	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	69.4	83.6	88.6	92.1	93.9	95.0	95.7	95.8	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3
GE 1800	69.5	83.7	88.8	92.2	94.0	95.1	95.8	95.9	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	69.7	84.0	89.1	92.5	94.3	95.5	96.2	96.3	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	69.7	84.0	89.1	93.0	94.8	96.0	96.7	96.8	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	70.0	84.3	89.8	93.7	95.4	96.7	97.6	98.0	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	70.0	84.3	89.8	93.7	95.4	96.7	97.6	98.0	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	70.3	84.6	90.1	94.1	95.9	97.1	98.1	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	70.4	84.9	90.3	94.3	96.1	97.3	98.3	99.0	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	70.4	85.0	90.4	94.5	96.3	97.6	98.6	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	70.4	85.0	90.4	94.5	96.3	97.6	98.6	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	70.4	85.0	90.5	94.7	96.4	97.7	98.7	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	70.4	85.0	90.5	94.7	96.4	97.7	98.7	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	70.4	85.0	90.5	94.7	96.4	97.7	98.7	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	70.4	85.0	90.5	94.7	96.4	97.7	98.7	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	70.4	85.0	90.5	94.7	96.4	97.7	98.7	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.6	50.9	56.0	57.5	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 20000	52.2	60.3	66.8	69.0	69.5	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 18000	52.3	60.6	67.1	69.3	69.8	70.0	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 16000	52.3	60.6	67.1	69.3	69.8	70.0	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 14000	52.5	60.9	67.3	69.6	70.0	70.2	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 12000	53.2	61.5	68.1	70.7	71.1	71.3	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 10000	57.0	65.8	72.6	75.4	76.0	76.5	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 9000	57.2	66.1	73.0	75.8	76.6	77.0	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 8000	60.0	69.8	76.9	80.0	80.8	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 7000	60.1	70.1	77.3	80.4	81.2	81.6	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 6000	60.3	70.6	77.9	81.0	81.8	82.3	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 5000	62.0	72.4	79.7	82.8	83.6	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4500	62.5	73.0	80.5	83.6	84.4	84.9	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4000	65.0	76.3	84.1	87.6	88.4	89.0	89.5	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3500	66.0	77.7	85.7	89.5	90.5	91.1	91.6	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3000	66.9	79.2	87.4	91.5	92.8	93.4	94.1	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	67.2	79.6	88.2	92.3	93.5	94.3	95.1	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	67.2	79.6	88.4	92.5	93.9	94.6	95.5	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	67.2	79.6	88.4	92.5	93.9	94.6	95.5	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	67.2	79.6	88.4	92.6	94.0	94.8	95.8	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	67.2	79.6	88.4	93.0	94.3	95.2	96.2	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	67.6	79.9	88.7	93.3	94.6	95.7	97.0	97.5	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	67.6	79.9	89.0	93.5	94.9	95.9	97.2	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	67.6	80.2	89.2	93.8	95.1	96.3	97.7	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	67.6	80.4	89.4	94.0	95.3	96.5	98.0	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	67.6	80.5	89.5	94.1	95.4	96.7	98.1	98.7	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	67.6	80.5	89.5	94.2	95.7	96.9	98.3	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	67.6	80.6	89.6	94.3	95.8	97.1	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	67.6	80.6	89.6	94.3	95.8	97.1	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	67.6	80.6	89.6	94.3	95.8	97.1	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	67.6	80.6	89.6	94.3	95.8	97.1	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	67.6	80.6	89.6	94.3	95.8	97.1	98.7	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.7	47.0	51.3	53.1	54.1	54.3	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 20000	46.2	56.8	62.2	64.8	65.9	66.3	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 18000	46.3	57.0	62.3	64.9	66.1	66.5	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 16000	46.3	57.0	62.4	64.9	66.1	66.5	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 14000	4.7	57.3	62.7	65.3	66.5	66.9	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 12000	47.7	58.5	64.0	66.6	67.9	68.3	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 10000	51.3	63.1	69.0	71.9	73.2	73.7	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3
GE 9000	51.8	63.8	69.9	72.8	74.2	74.7	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 8000	54.2	67.2	73.5	76.6	78.1	78.7	79.0	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 7000	54.9	67.9	74.2	77.4	78.9	79.5	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 6000	55.4	68.4	74.8	78.0	79.5	80.1	80.5	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
GE 5000	56.7	69.8	76.2	79.6	81.1	81.7	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	57.6	71.2	77.8	81.1	82.7	83.4	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4000	60.3	74.6	81.4	84.9	86.8	87.5	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3500	61.2	75.8	82.8	86.4	88.4	89.1	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	62.1	77.1	84.3	88.1	90.3	91.0	91.6	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
GE 2500	62.5	77.6	85.0	88.9	91.1	91.9	92.6	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2000	62.8	78.0	85.5	89.4	91.7	92.5	93.2	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7
GE 1800	62.9	78.2	85.7	89.6	91.9	92.7	93.4	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	63.3	78.7	86.2	90.2	92.6	93.4	94.2	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200	63.4	78.9	86.5	90.7	93.1	94.0	94.8	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1000	63.6	79.2	86.9	91.1	93.6	94.6	95.5	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	63.7	79.3	87.1	91.3	93.7	94.7	95.7	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
GE 800	63.8	79.6	87.4	91.6	94.1	95.2	96.2	96.7	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 700	63.9	79.7	87.6	91.9	94.3	95.5	96.5	97.0	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 600	63.9	79.8	87.7	92.0	94.5	95.7	96.8	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	63.9	79.9	87.8	92.1	94.7	95.9	97.1	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	63.9	79.9	87.9	92.2	95.0	96.2	97.6	98.4	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1
GE 300	63.9	79.9	87.9	92.3	95.1	96.4	97.8	98.7	99.0	99.3	99.4	99.4	99.5	99.5	99.6	99.6
GE 200	63.9	79.9	87.9	92.3	95.1	96.4	97.8	98.7	99.1	99.4	99.6	99.6	99.7	99.7	99.8	99.9
GE 100	63.9	79.9	87.9	92.3	95.1	96.4	97.8	98.7	99.1	99.4	99.6	99.6	99.7	99.7	99.8	99.9
GE 000	63.9	79.9	87.9	92.3	95.1	96.4	97.8	98.7	99.1	99.4	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.1	47.1	51.5	56.1	58.3	58.5	58.9	59.1	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 20000	41.7	54.8	60.8	67.1	70.3	70.8	71.5	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 18000	41.7	54.8	60.8	67.1	70.3	70.8	71.5	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 16000	41.7	54.8	60.8	67.1	70.3	70.8	71.5	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 14000	41.7	54.9	60.9	67.2	70.4	70.9	71.6	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 12000	43.3	57.1	63.2	69.7	73.1	73.5	74.3	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 10000	45.4	60.2	67.4	74.1	78.0	78.6	79.4	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 9000	45.6	60.9	68.1	74.8	79.0	79.7	80.5	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 8000	47.6	63.1	70.3	77.8	82.4	83.0	83.9	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 7000	48.1	63.7	70.9	78.4	83.0	83.7	84.5	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 6000	48.1	63.7	70.9	78.4	83.0	83.7	84.5	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 5000	48.7	64.4	71.7	79.6	84.3	84.9	85.8	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4500	49.8	65.5	72.8	80.6	85.5	86.2	87.1	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 4000	51.2	67.1	74.9	83.2	88.2	89.2	90.4	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3500	51.7	67.7	75.7	84.0	88.9	90.0	91.2	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3000	52.9	69.2	77.8	86.1	91.1	92.2	93.3	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	53.2	69.7	78.3	86.6	91.7	92.8	94.0	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000	53.2	69.7	78.3	87.1	92.4	93.4	94.6	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1800	53.3	69.8	78.4	87.2	92.5	93.5	94.7	95.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1500	53.7	70.2	78.8	87.6	92.9	94.0	95.3	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	53.7	70.2	78.8	87.7	93.0	94.3	95.6	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	53.7	70.2	78.8	87.7	93.1	94.4	95.8	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	53.7	70.2	78.8	87.7	93.1	94.4	95.8	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	53.8	70.3	78.9	88.0	93.3	94.7	96.2	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	53.9	70.5	79.1	88.2	93.8	95.2	96.8	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	53.9	70.5	79.1	88.2	93.8	95.2	96.8	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	54.0	70.6	79.5	88.5	94.1	95.5	97.4	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	54.1	70.8	79.7	88.8	94.4	95.8	97.8	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	54.1	70.8	79.8	88.9	94.5	95.9	98.1	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	54.1	70.8	79.8	89.1	94.7	96.1	98.3	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9
GE 100	54.1	70.8	79.8	89.1	94.7	96.1	98.3	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	54.1	70.8	79.8	89.1	94.7	96.1	98.3	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.4	41.0	48.0	52.3	56.1	57.4	58.4	58.7	59.0	59.4	59.4	59.4	59.5	59.5	59.6	59.6
GE 20000	34.1	43.8	53.0	58.7	63.7	64.9	66.1	66.7	67.0	67.4	67.4	67.4	67.6	67.6	67.7	67.7
GE 18000	34.2	43.9	53.2	58.9	63.9	65.2	66.3	66.9	67.2	67.6	67.6	67.6	67.8	67.8	68.0	68.0
GE 16000	34.2	43.9	53.2	58.9	63.9	65.2	66.3	66.9	67.2	67.6	67.6	67.6	67.8	67.8	68.0	68.0
GE 14000	34.2	44.0	53.3	59.0	64.0	65.3	66.5	67.0	67.3	67.7	67.7	67.7	68.0	68.0	68.1	68.1
GE 12000	35.7	46.3	55.8	61.6	66.7	68.0	69.1	69.7	70.0	70.4	70.4	70.4	70.6	70.6	70.8	70.8
GE 10000	37.7	49.0	59.5	66.0	72.0	73.3	74.7	75.3	75.6	76.0	76.0	76.0	76.2	76.2	76.3	76.3
GE 9000	38.3	49.9	60.4	67.1	73.3	74.6	76.0	76.6	76.9	77.3	77.3	77.3	77.5	77.5	77.6	77.6
GE 8000	39.7	51.9	62.7	69.7	76.3	77.7	79.6	80.1	80.4	81.0	81.0	81.0	81.2	81.2	81.3	81.3
GE 7000	40.2	52.6	63.9	71.2	78.2	79.6	81.4	81.9	82.3	82.8	82.8	82.8	83.0	83.0	83.1	83.1
GE 6000	40.3	52.7	64.0	71.3	78.3	79.7	81.5	82.0	82.4	82.9	82.9	82.9	83.1	83.1	83.2	83.2
GE 5000	40.5	53.0	64.3	71.6	78.7	80.1	82.0	82.6	82.9	83.4	83.4	83.4	83.7	83.7	83.8	83.8
GE 4500	41.3	53.9	65.3	72.6	79.7	81.1	83.1	83.7	84.0	84.5	84.5	84.5	84.7	84.7	84.8	84.8
GE 4000	42.8	56.1	67.8	75.4	82.8	84.2	86.9	87.5	87.8	88.4	88.4	88.4	88.7	88.7	88.8	88.8
GE 3500	42.9	56.2	68.0	75.5	82.9	84.3	87.1	87.7	88.1	88.6	88.6	88.6	88.9	88.9	89.0	89.0
GE 3000	43.4	57.1	68.9	76.6	84.0	85.4	88.3	88.9	89.2	89.8	89.8	89.8	90.1	90.1	90.2	90.2
GE 2500	43.7	57.3	69.2	76.9	84.4	85.8	88.7	89.4	89.7	90.2	90.2	90.2	90.5	90.5	90.6	90.6
GE 2000	44.4	58.1	70.0	78.0	85.8	87.2	90.2	90.9	91.2	91.7	91.7	91.7	92.0	92.0	92.2	92.2
GE 1800	44.4	58.1	70.0	78.0	85.8	87.2	90.2	90.9	91.2	91.7	91.7	91.7	92.0	92.0	92.2	92.2
GE 1500	44.7	58.6	70.5	78.6	86.8	88.3	91.4	92.0	92.4	92.9	92.9	92.9	93.2	93.2	93.3	93.3
GE 1200	44.7	58.6	70.5	78.6	86.8	88.4	91.6	92.4	92.7	93.2	93.2	93.2	93.5	93.5	93.7	93.7
GE 1000	44.7	58.6	70.6	78.7	87.0	88.9	92.2	92.9	93.3	93.9	93.9	93.9	94.2	94.2	94.3	94.3
GE 900	44.7	58.6	70.6	78.7	87.0	88.9	92.2	92.9	93.3	93.9	93.9	93.9	94.3	94.3	94.4	94.4
GE 800	44.7	58.6	70.9	78.9	87.7	89.7	92.9	93.7	94.1	94.6	94.6	94.6	95.1	95.1	95.2	95.2
GE 700	44.7	58.6	70.9	79.1	88.0	90.0	93.4	94.2	94.6	95.2	95.2	95.2	95.6	95.6	95.7	95.7
GE 600	44.7	58.6	70.9	79.1	88.0	90.0	93.5	94.3	94.7	95.3	95.3	95.3	95.7	95.7	95.8	95.8
GE 500	44.7	58.8	71.3	79.9	88.7	90.9	94.7	95.5	95.9	96.5	96.5	96.5	96.9	96.9	97.0	97.0
GE 400	44.7	59.0	71.5	80.2	89.0	91.3	95.3	96.1	96.6	97.1	97.1	97.1	97.5	97.5	97.6	97.6
GE 300	45.2	59.5	71.9	80.6	89.5	91.8	95.8	96.7	97.1	97.7	97.7	97.7	98.2	98.2	98.4	98.4
GE 200	45.2	59.5	71.9	80.6	89.5	91.8	95.9	96.9	97.3	98.1	98.4	98.4	98.9	98.9	99.1	99.1
GE 100	45.2	59.5	71.9	80.6	89.5	91.8	95.9	97.3	97.7	98.5	98.9	98.9	99.5	99.5	99.9	100.0
GE 000	45.2	59.5	71.9	80.6	89.5	91.8	95.9	97.3	97.7	98.5	98.9	98.9	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	25.1	36.5	44.2	48.9	52.2	54.1	54.8	55.2	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 20000	27.0	40.1	49.1	54.6	58.5	60.9	62.2	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.3	63.3
GE 18000	27.2	40.3	49.4	54.8	58.7	61.1	62.4	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.5	63.5
GE 16000	27.2	40.3	49.4	54.8	58.7	61.1	62.4	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.5	63.5
GE 14000	27.3	40.4	49.5	54.9	58.9	61.3	62.6	63.3	63.4	63.7	63.7	63.7	63.7	63.7	63.8	63.8
GE 12000	29.4	43.4	52.7	58.7	62.8	65.2	66.7	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.8	67.8
GE 10000	31.9	47.5	58.0	64.5	69.2	71.6	73.4	74.2	74.3	74.5	74.5	74.5	74.5	74.5	74.6	74.6
GE 9000	32.3	48.1	58.6	65.2	69.9	72.3	74.1	74.8	74.9	75.2	75.2	75.2	75.2	75.2	75.3	75.3
GE 8000	34.4	51.5	62.4	69.6	74.6	77.4	79.4	80.3	80.4	80.8	80.8	80.8	80.8	80.8	80.9	80.9
GE 7000	34.6	51.8	62.9	70.2	75.5	78.3	80.2	81.2	81.3	81.6	81.6	81.6	81.6	81.6	81.7	81.7
GE 6000	34.8	52.0	63.1	70.4	75.7	78.5	80.4	81.4	81.5	81.8	81.8	81.8	81.8	81.8	81.9	81.9
GE 5000	35.2	52.5	63.5	70.9	76.1	79.0	81.1	82.0	82.2	82.5	82.5	82.5	82.5	82.5	82.6	82.6
GE 4500	35.4	52.9	64.1	71.4	76.7	79.6	81.6	82.6	82.7	83.0	83.0	83.0	83.0	83.0	83.1	83.1
GE 4000	36.2	54.2	66.0	73.3	78.9	82.0	84.2	85.2	85.3	85.6	85.6	85.6	85.6	85.6	85.7	85.7
GE 3500	36.6	54.6	66.8	74.2	79.8	82.9	85.1	86.0	86.1	86.5	86.5	86.5	86.5	86.5	86.6	86.6
GE 3000	36.6	54.8	67.0	74.8	80.8	83.9	86.1	87.2	87.3	87.6	87.6	87.6	87.6	87.6	87.7	87.7
GE 2500	36.6	54.8	67.0	75.2	81.2	84.3	86.7	87.7	87.8	88.2	88.2	88.2	88.2	88.2	88.3	88.3
GE 2000	36.7	55.2	67.4	75.7	81.9	85.2	87.7	88.9	89.0	89.4	89.4	89.4	89.4	89.4	89.5	89.5
GE 1800	36.7	55.2	67.4	75.7	81.9	85.2	87.7	88.9	89.0	89.4	89.4	89.4	89.4	89.4	89.5	89.5
GE 1500	37.3	55.9	68.2	76.6	82.9	86.2	89.5	90.6	90.8	91.1	91.1	91.1	91.1	91.1	91.2	91.2
GE 1200	37.8	56.6	68.9	77.4	83.8	87.1	90.4	91.6	91.7	92.0	92.0	92.0	92.0	92.0	92.2	92.2
GE 1000	38.1	57.0	69.4	77.8	84.3	87.6	91.0	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.7	92.7
GE 900	38.1	57.0	69.4	77.8	84.3	87.6	91.0	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.7	92.7
GE 800	38.3	57.2	69.6	78.3	84.7	88.3	91.7	92.9	93.0	93.3	93.3	93.3	93.3	93.3	93.4	93.4
GE 700	38.4	57.4	70.0	79.1	85.8	89.5	92.9	94.3	94.4	94.7	94.8	94.8	94.8	94.8	94.9	94.9
GE 600	38.4	57.5	70.1	79.4	86.0	89.8	93.2	94.7	94.8	95.4	95.5	95.5	95.5	95.5	95.6	95.6
GE 500	38.4	57.6	70.4	79.9	86.6	90.5	94.2	96.0	96.1	96.7	96.8	96.8	96.8	96.8	97.0	97.0
GE 400	38.4	57.6	70.5	80.1	87.1	91.2	95.2	97.6	97.8	98.4	98.5	98.5	98.5	98.5	98.7	98.7
GE 300	38.4	57.6	70.5	80.2	87.3	91.4	95.6	98.2	98.5	99.0	99.1	99.1	99.1	99.2	99.5	99.5
GE 200	38.4	57.6	70.5	80.2	87.3	91.4	95.6	98.2	98.5	99.1	99.2	99.2	99.2	99.4	99.6	99.6
GE 100	38.4	57.6	70.5	80.2	87.3	91.4	95.6	98.2	98.5	99.1	99.2	99.2	99.2	99.4	99.8	100.0
GE 000	38.4	57.6	70.5	80.2	87.3	91.4	95.6	98.2	98.5	99.1	99.2	99.2	99.4	99.4	9.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.9	46.6	52.5	55.9	57.7	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 20000	37.0	51.8	58.7	62.7	64.6	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 18000	37.0	51.8	58.7	62.7	64.6	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 16000	37.0	51.8	58.7	62.7	64.6	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 14000	37.2	52.0	58.9	62.9	64.8	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 12000	39.4	55.4	62.6	66.7	68.8	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	41.6	58.5	67.3	71.7	74.0	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 9000	42.2	59.4	68.2	72.6	74.8	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 8000	43.8	62.3	71.8	76.7	79.2	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 7000	43.8	62.3	71.9	76.8	79.4	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 6000	44.0	62.9	72.6	77.5	80.1	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 5000	44.7	63.8	73.9	78.8	81.5	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	45.3	64.3	74.5	79.8	82.5	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4000	46.5	65.9	76.2	81.6	84.4	85.1	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3500	46.9	66.6	76.9	82.3	85.1	85.7	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3000	48.3	69.0	79.6	85.4	88.9	89.8	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 2500	48.7	69.9	80.5	86.6	90.2	91.1	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	49.5	70.8	81.5	88.0	91.7	92.6	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1800	49.7	71.0	81.7	88.2	92.0	92.9	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1500	50.2	72.2	83.0	89.7	93.9	94.8	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	50.5	72.5	83.3	90.0	94.5	95.6	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	50.8	72.9	83.9	90.5	95.5	96.6	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	50.8	72.9	83.9	90.5	95.5	96.6	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	50.9	73.1	84.2	90.9	96.1	97.2	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	50.9	73.2	84.4	91.2	96.5	97.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	50.9	73.2	84.4	91.4	96.9	98.2	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	50.9	73.2	84.4	91.6	97.2	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	50.9	73.2	84.4	91.6	97.2	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	50.9	73.2	84.4	91.6	97.2	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	50.9	73.2	84.4	91.6	97.2	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	50.9	73.2	84.4	91.6	97.2	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	50.9	73.2	84.4	91.6	97.2	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.3	45.7	48.9	50.3	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 20000	39.6	52.9	57.5	59.0	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 18000	39.6	52.9	57.5	59.0	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 16000	39.6	52.9	57.5	59.0	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	39.9	53.3	58.1	59.6	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 12000	41.9	56.5	61.6	63.2	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 10000	44.7	61.5	67.0	68.7	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 9000	45.6	62.4	67.8	69.6	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 8000	47.6	65.1	71.6	73.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 7000	47.8	65.5	72.0	74.1	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 6000	47.8	65.9	72.5	74.6	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 5000	48.5	67.0	73.7	76.0	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 4500	49.5	68.0	74.7	77.1	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4000	53.8	73.0	80.5	83.7	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3500	55.8	75.3	83.0	86.1	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3000	57.6	78.5	87.0	91.2	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	58.0	78.8	87.5	91.7	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	58.3	79.1	87.8	92.3	96.6	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	58.5	79.4	88.1	92.5	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1500	58.9	80.1	88.8	93.3	97.7	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	58.9	80.3	89.2	93.8	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	59.0	80.5	89.5	94.0	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	59.0	80.5	89.5	94.0	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	59.0	80.5	89.5	94.0	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	59.0	80.5	89.5	94.0	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	59.0	80.5	89.5	94.1	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	59.1	80.6	89.7	94.3	99.0	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	59.1	80.6	89.7	94.4	99.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	59.1	80.6	89.7	94.4	99.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	59.1	80.6	89.7	94.4	99.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	59.1	80.6	89.7	94.4	99.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	59.1	80.6	89.7	94.4	99.1	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.5	46.5	50.0	51.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 20000	40.5	55.4	60.4	62.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 18000	40.5	55.5	60.6	62.6	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 16000	40.5	55.6	60.8	62.7	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 14000	41.0	56.0	61.5	63.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 12000	41.8	58.0	63.9	65.8	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 10000	45.9	63.8	70.0	72.4	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 9000	46.9	65.1	71.3	73.7	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 8000	49.5	68.8	75.6	78.3	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 7000	49.9	69.6	76.5	79.2	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 6000	50.1	69.8	76.7	79.5	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 5000	51.2	71.0	78.0	80.8	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	52.6	72.5	80.0	82.8	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4000	55.8	76.5	84.6	88.0	90.9	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 3500	56.6	77.3	85.6	88.9	91.9	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3000	58.5	79.8	88.8	92.6	95.9	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	58.9	80.3	89.5	93.3	96.7	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	59.0	80.5	89.7	93.5	97.0	97.5	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	59.0	80.5	89.7	93.5	97.1	97.6	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	59.1	80.6	89.8	93.7	97.2	97.7	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	59.2	80.9	90.0	93.9	97.4	98.0	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	59.2	80.9	90.0	93.9	97.4	98.0	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	59.4	81.0	90.1	94.0	97.5	98.1	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	59.4	81.0	90.1	94.0	97.5	98.1	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	59.4	81.0	90.1	94.0	97.5	98.1	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	59.4	81.0	90.1	94.0	97.5	98.1	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	59.4	81.0	90.1	94.0	97.5	98.1	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	59.4	81.0	90.1	94.1	97.6	98.3	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	59.4	81.0	90.1	94.1	97.6	98.3	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	59.4	81.0	90.1	94.1	97.6	98.3	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	59.4	81.0	90.1	94.1	97.6	98.3	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	59.4	81.0	90.1	94.1	97.6	98.3	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.0	43.4	46.2	47.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 20000	42.8	55.9	61.7	64.2	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 18000	42.8	55.9	61.8	64.3	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 16000	42.8	55.9	61.8	64.3	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 14000	42.9	56.0	62.3	64.9	67.2	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 12000	43.8	57.4	64.2	67.0	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 10000	46.6	61.9	69.2	72.5	74.7	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 9000	47.4	62.8	70.1	73.3	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 8000	50.0	66.8	74.2	78.3	81.2	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 7000	50.9	67.7	75.2	79.2	82.2	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 6000	51.2	68.1	75.5	79.6	82.5	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 5000	52.6	69.8	77.5	82.0	84.9	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4500	53.2	70.6	78.5	83.3	86.5	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4000	55.2	73.4	82.4	87.8	91.9	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3500	55.4	73.8	82.8	88.3	92.4	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 3000	56.6	75.1	84.8	90.3	94.5	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	56.7	75.4	85.3	90.9	95.4	96.5	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	56.8	75.8	85.8	91.5	96.2	97.4	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	56.8	75.8	85.8	91.5	96.2	97.4	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	56.8	75.9	85.9	91.6	96.3	97.7	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	56.8	76.1	86.3	92.0	96.8	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	56.8	76.1	86.3	92.3	97.0	98.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	56.8	76.1	86.3	92.3	97.0	98.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	56.8	76.1	86.3	92.3	97.0	98.5	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	56.8	76.1	86.3	92.3	97.0	98.5	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	56.8	76.1	86.3	92.3	97.0	98.5	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	57.0	76.3	86.6	92.5	97.2	98.7	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	57.1	76.5	86.7	92.6	97.3	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	57.1	76.5	86.7	92.6	97.3	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	57.1	76.5	86.7	92.6	97.3	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	57.1	76.5	86.7	92.6	97.3	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	57.1	76.5	86.7	92.6	97.3	98.8	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.8	48.7	53.2	55.9	58.4	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 20000	45.4	57.8	63.7	67.2	70.1	70.6	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 18000	45.5	58.0	63.8	67.3	70.2	70.8	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 16000	45.5	58.0	63.8	67.3	70.2	70.8	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 14000	45.6	58.1	64.0	67.6	70.5	71.1	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 12000	46.5	59.2	65.4	69.2	72.2	72.7	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 10000	49.2	63.7	70.5	74.8	78.0	78.6	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 9000	49.7	64.3	71.2	75.5	78.7	79.4	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 8000	52.5	67.5	75.1	79.9	83.2	83.9	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 7000	53.1	68.2	75.7	80.9	84.2	84.8	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 6000	53.3	68.4	75.9	81.1	84.5	85.2	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 5000	53.8	68.9	76.9	82.2	85.8	86.5	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4500	54.5	69.9	78.0	83.2	86.9	87.5	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 4000	55.6	72.3	81.8	87.5	91.6	92.8	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3500	55.7	72.7	82.3	88.0	92.3	93.4	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3000	56.3	73.9	83.8	89.9	94.4	95.6	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	56.6	74.1	84.0	90.1	94.7	95.9	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	56.8	74.3	84.4	90.5	95.3	96.5	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	56.8	74.3	84.5	90.6	95.4	96.6	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	56.8	74.3	84.5	90.6	95.4	96.6	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	56.8	74.3	84.6	90.8	95.5	96.8	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	56.8	74.3	84.7	91.2	95.9	97.2	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	56.8	74.3	84.7	91.2	95.9	97.2	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	56.8	74.3	84.7	91.2	95.9	97.2	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	56.8	74.5	84.9	91.4	96.1	97.4	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	56.8	74.7	85.2	91.6	96.3	97.6	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	57.0	74.9	85.5	92.0	96.8	98.1	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	57.0	75.1	85.6	92.2	97.0	98.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	57.0	75.1	85.6	92.2	97.0	98.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	57.0	75.1	85.6	92.2	97.0	98.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	57.0	75.1	85.6	92.2	97.0	98.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	57.0	75.1	85.6	92.2	97.0	98.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 JUN 89
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.0	44.4	49.3	52.3	54.6	55.1	55.4	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 20000	38.5	51.6	58.1	62.0	64.8	65.4	65.9	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4
GE 18000	38.6	51.6	58.2	62.1	64.9	65.6	66.0	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 16000	38.6	51.7	58.2	62.1	64.9	65.6	66.0	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 14000	38.7	51.9	58.5	62.5	65.2	65.9	66.4	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.9	66.9
GE 12000	40.2	54.2	61.2	65.2	68.1	68.8	69.3	69.6	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8
GE 10000	42.9	58.3	66.1	70.6	73.9	74.7	75.3	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 9000	43.5	59.1	67.0	71.5	74.9	75.7	76.3	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 8000	45.6	62.1	70.5	75.5	79.2	80.1	80.8	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 7000	46.0	62.7	71.1	76.3	80.1	81.0	81.7	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 6000	46.2	62.9	71.4	76.5	80.4	81.3	82.0	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 5000	46.9	63.8	72.4	77.7	81.7	82.6	83.4	83.6	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9
GE 4500	47.7	64.7	73.5	78.9	82.9	83.8	84.6	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4000	49.6	67.3	76.8	82.6	87.0	88.1	89.0	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3500	50.2	68.0	77.6	83.4	87.8	89.0	90.0	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6
GE 3000	51.3	69.7	79.7	85.9	90.6	91.7	92.8	93.1	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4
GE 2500	51.5	70.0	80.2	86.4	91.3	92.5	93.6	93.9	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2
GE 2000	51.8	70.4	80.6	87.1	92.1	93.3	94.6	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	51.9	70.5	80.7	87.2	92.2	93.5	94.7	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	52.2	71.0	81.2	87.7	92.9	94.2	95.6	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3
GE 1200	52.3	71.2	81.5	88.0	93.2	94.6	96.0	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	52.4	71.3	81.7	88.3	93.6	95.0	96.5	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 900	52.4	71.3	81.7	88.3	93.6	95.0	96.5	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	52.4	71.4	81.8	88.4	93.9	95.3	96.8	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 700	52.5	71.5	81.9	88.7	94.2	95.7	97.2	97.7	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 600	52.5	71.5	81.9	88.8	94.3	95.8	97.4	97.9	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 500	52.6	71.7	82.2	89.1	94.6	96.2	97.9	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9
GE 400	52.6	71.7	82.3	89.2	94.9	96.5	98.3	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4
GE 300	52.6	71.8	82.3	89.3	94.9	96.6	98.4	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 200	52.6	71.8	82.3	89.4	95.0	96.6	98.5	99.2	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8
GE 100	52.6	71.8	82.3	89.4	95.0	96.6	98.5	99.3	99.4	99.7	99.8	99.8	99.8	99.9	100.0	100.0
GE 000	52.6	71.8	82.3	89.4	95.0	96.6	98.5	99.3	99.4	99.7	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 1/8
NO CEIL	38.6	46.8	52.9	57.5	60.3	60.9	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 20000	42.5	51.7	59.0	64.4	68.0	68.5	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 18000	42.5	51.7	59.0	64.4	68.0	68.5	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 16000	42.5	51.7	59.0	64.4	68.0	68.5	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 14000	42.5	51.8	59.1	64.6	68.2	68.7	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 12000	43.1	52.6	60.0	65.7	69.2	69.9	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 10000	46.1	56.7	65.6	71.8	75.9	76.7	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 9000	46.7	57.3	66.2	72.5	76.6	77.4	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 8000	49.8	61.3	71.2	77.6	81.9	83.0	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 7000	50.8	62.5	72.7	79.2	83.5	84.7	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 6000	51.0	63.0	73.2	79.8	84.1	85.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 5000	51.1	63.7	73.9	80.5	85.1	86.2	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4500	51.7	64.8	75.4	82.2	86.8	88.0	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 4000	52.8	66.3	77.8	84.7	90.0	91.4	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 3500	53.0	66.6	78.1	84.9	90.3	91.7	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3000	53.7	67.2	78.7	85.8	91.3	92.7	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	53.7	67.4	79.0	86.1	91.6	93.0	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	54.0	68.0	79.7	86.8	92.3	93.8	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	54.0	68.0	79.7	86.8	92.3	93.8	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	54.0	68.1	79.8	86.9	92.5	94.0	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1200	54.0	68.2	80.0	87.1	92.8	94.4	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1000	54.1	68.6	80.5	87.7	93.8	95.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	54.1	68.6	80.5	87.7	93.8	95.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	54.1	68.7	80.8	88.0	94.1	96.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	54.2	68.9	81.0	88.3	94.6	96.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	54.2	69.0	81.2	88.5	94.8	96.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	54.2	69.0	81.2	88.6	95.2	97.1	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	54.4	69.5	81.6	89.0	95.6	97.5	99.1	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	54.4	69.5	81.6	89.0	95.6	97.5	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	54.4	69.5	81.6	89.0	95.6	97.5	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	54.4	69.5	81.6	89.0	95.6	97.5	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	54.4	69.5	81.6	89.0	95.6	97.5	99.2	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.5	42.3	48.5	53.1	57.7	58.8	60.3	60.8	60.9	61.1	61.2	61.2	61.2	61.2	61.3	61.3
GE 20000	36.2	46.5	53.4	59.4	64.3	65.5	67.0	67.5	67.7	68.0	68.1	68.1	68.1	68.1	68.2	68.2
GE 18000	36.2	46.5	53.4	59.4	64.3	65.5	67.0	67.5	67.7	68.0	68.1	68.1	68.1	68.1	68.2	68.2
GE 16000	36.2	46.5	53.4	59.4	64.3	65.5	67.0	67.5	67.7	68.0	68.1	68.1	68.1	68.1	68.2	68.2
GE 14000	36.3	46.7	53.7	59.6	64.5	65.7	67.2	67.7	68.0	68.2	68.3	68.3	68.3	68.3	68.4	68.4
GE 12000	37.1	47.5	54.7	60.8	65.9	67.1	68.6	69.1	69.4	69.6	69.7	69.7	69.7	69.7	69.8	69.8
GE 10000	39.7	51.2	58.9	65.6	71.7	72.9	74.4	74.9	75.2	75.5	75.6	75.6	75.6	75.6	75.7	75.7
GE 9000	40.1	51.6	59.5	66.1	72.3	73.5	75.1	75.6	75.8	76.1	76.2	76.2	76.2	76.2	76.3	76.3
GE 8000	41.8	54.3	63.0	70.0	76.5	78.0	79.8	80.3	80.5	81.1	81.2	81.2	81.2	81.2	81.3	81.3
GE 7000	42.6	55.2	64.0	71.1	77.6	79.1	81.0	81.5	81.7	82.3	82.4	82.4	82.4	82.4	82.5	82.5
GE 6000	42.8	55.4	64.5	71.7	78.3	79.8	81.6	82.2	82.4	82.9	83.0	83.0	83.0	83.0	83.1	83.1
GE 5000	43.2	56.2	65.5	72.9	79.7	81.2	83.0	83.5	83.8	84.3	84.4	84.4	84.4	84.4	84.5	84.5
GE 4500	43.4	56.8	66.2	74.0	81.2	82.7	84.6	85.3	85.5	86.0	86.1	86.1	86.1	86.1	86.2	86.2
GE 4000	43.5	57.0	66.6	74.6	82.3	84.2	86.2	87.1	87.3	87.8	88.0	88.0	88.0	88.0	88.1	88.1
GE 3500	43.7	57.4	67.1	75.2	82.9	84.8	87.0	87.8	88.1	88.6	88.7	88.7	88.7	88.7	88.8	88.8
GE 3000	44.1	58.3	68.4	76.8	84.8	86.8	88.9	89.8	90.0	90.5	90.6	90.6	90.6	90.6	90.8	90.8
GE 2500	44.4	58.7	68.9	77.3	85.5	87.5	89.8	90.6	90.9	91.4	91.5	91.5	91.5	91.5	91.6	91.6
GE 2000	44.5	58.9	69.4	77.8	86.0	88.1	90.3	91.2	91.4	91.9	92.0	92.0	92.0	92.0	92.2	92.2
GE 1800	44.5	58.9	69.5	78.0	86.1	88.2	90.4	91.3	91.5	92.0	92.2	92.2	92.2	92.2	92.3	92.3
GE 1500	44.5	59.1	70.0	78.7	87.0	89.4	91.7	92.8	93.0	93.5	93.7	93.7	93.7	93.7	93.8	93.8
GE 1200	44.5	59.4	70.3	79.0	87.3	89.7	92.0	93.1	93.3	93.9	94.0	94.0	94.0	94.0	94.1	94.1
GE 1000	44.6	59.7	70.8	79.5	88.0	90.3	92.7	93.9	94.1	94.6	94.7	94.7	94.7	94.7	94.8	94.8
GE 900	44.6	59.7	70.8	79.5	88.0	90.3	92.7	93.9	94.1	94.6	94.7	94.7	94.7	94.7	94.8	94.8
GE 800	44.7	59.9	71.0	79.7	88.3	90.6	93.0	94.3	94.5	95.1	95.2	95.2	95.2	95.2	95.3	95.3
GE 700	44.7	60.0	71.5	80.2	89.0	91.4	93.8	95.1	95.3	95.8	95.9	95.9	95.9	95.9	96.0	96.0
GE 600	44.8	60.1	71.6	80.3	89.1	91.5	94.0	95.6	95.8	96.3	96.5	96.5	96.5	96.5	96.6	96.6
GE 500	44.9	60.3	71.9	81.1	89.9	92.4	95.2	96.8	97.0	97.6	97.7	97.7	97.7	97.7	97.8	97.8
GE 400	45.4	60.8	72.4	81.5	90.3	92.8	95.6	97.4	97.7	98.6	98.7	98.7	98.7	98.7	98.8	98.8
GE 300	45.4	60.8	72.4	81.5	90.3	92.8	95.6	97.6	98.0	99.0	99.1	99.1	99.2	99.2	99.4	99.4
GE 200	45.4	60.8	72.4	81.5	90.3	92.8	95.6	97.7	98.1	99.1	99.4	99.4	99.6	99.6	99.9	99.9
GE 100	45.4	60.8	72.4	81.5	90.3	92.8	95.6	97.7	98.1	99.1	99.4	99.4	99.6	99.6	99.9	100.0
GE 000	45.4	60.8	72.4	81.5	90.3	92.8	95.6	97.7	98.1	99.1	99.4	99.4	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.2	35.2	41.2	46.6	51.5	52.7	54.6	54.9	55.2	55.4	55.5	55.5	55.5	55.5	55.6	55.6
GE 20000	30.4	40.0	46.9	52.8	58.0	59.2	61.6	62.0	62.5	62.8	62.9	62.9	62.9	62.9	63.0	63.0
GE 18000	30.4	40.0	46.9	52.8	58.0	59.2	61.6	62.0	62.5	62.8	62.9	62.9	62.9	62.9	63.0	63.0
GE 16000	30.4	40.0	46.9	52.8	58.0	59.2	61.6	62.0	62.5	62.8	62.9	62.9	62.9	62.9	63.0	63.0
GE 14000	30.6	40.3	47.2	53.1	58.3	59.8	62.2	62.6	63.0	63.3	63.4	63.4	63.4	63.4	63.5	63.5
GE 12000	31.3	41.2	48.2	54.2	59.5	61.2	63.7	64.1	64.6	64.9	65.1	65.1	65.1	65.1	65.2	65.2
GE 10000	34.7	45.5	53.5	60.5	66.3	68.5	71.0	71.6	72.3	72.7	72.9	72.9	72.9	72.9	73.0	73.0
GE 9000	34.9	46.0	54.2	61.3	67.3	69.7	72.2	72.9	73.5	74.0	74.2	74.2	74.2	74.2	74.3	74.3
GE 8000	36.0	48.1	56.9	64.9	71.2	73.9	76.8	77.6	78.3	78.8	79.0	79.0	79.0	79.0	79.1	79.1
GE 7000	37.1	49.2	58.1	66.5	72.8	75.5	78.5	79.4	80.1	80.6	80.9	80.9	80.9	80.9	81.0	81.0
GE 6000	37.2	49.5	58.4	66.9	73.2	75.9	79.0	79.9	80.6	81.2	81.4	81.4	81.4	81.4	81.5	81.5
GE 5000	38.0	50.3	59.2	68.0	74.3	77.0	80.1	81.0	81.7	82.3	82.5	82.5	82.5	82.5	82.6	82.6
GE 4500	38.0	50.3	59.2	68.0	74.4	77.2	80.5	81.5	82.3	82.8	83.0	83.0	83.0	83.0	83.1	83.1
GE 4000	38.8	51.8	60.9	69.9	76.9	79.9	83.3	84.4	85.3	85.8	86.0	86.0	86.0	86.0	86.1	86.1
GE 3500	39.4	52.4	61.6	70.6	77.6	80.6	84.2	85.3	86.1	86.7	86.9	86.9	86.9	86.9	87.0	87.0
GE 3000	39.7	52.8	62.2	71.6	78.7	82.0	85.6	86.7	87.5	88.1	88.3	88.3	88.3	88.3	88.4	88.4
GE 2500	39.8	53.0	62.5	72.3	79.6	82.9	86.5	87.5	88.4	88.9	89.1	89.1	89.1	89.1	89.2	89.2
GE 2000	40.0	53.3	62.9	72.7	80.1	83.4	87.0	88.2	89.0	89.6	89.8	89.8	89.8	89.8	89.9	89.9
GE 1800	40.2	53.5	63.2	73.0	80.4	83.8	87.3	88.5	89.4	89.9	90.1	90.1	90.1	90.1	90.2	90.2
GE 1500	40.2	53.8	63.9	73.9	81.3	84.7	88.5	89.7	90.6	91.2	91.4	91.4	91.4	91.4	91.5	91.5
GE 1200	40.4	54.0	64.1	74.1	81.6	85.2	89.0	90.2	91.2	91.7	91.9	91.9	91.9	91.9	92.0	92.0
GE 1000	40.5	54.5	64.6	74.8	82.7	86.6	90.6	91.8	92.8	93.3	93.5	93.5	93.5	93.5	93.7	93.7
GE 900	40.6	54.8	64.9	75.2	83.1	87.1	91.3	92.5	93.4	94.0	94.2	94.2	94.2	94.2	94.3	94.3
GE 800	40.8	54.9	65.1	75.4	83.8	87.8	92.0	93.2	94.4	94.9	95.3	95.3	95.3	95.3	95.4	95.4
GE 700	40.8	54.9	65.2	75.6	84.1	88.4	92.7	93.9	95.1	95.6	95.9	95.9	95.9	95.9	96.0	96.0
GE 600	40.8	54.9	65.3	75.7	84.3	88.6	92.9	94.1	95.4	95.9	96.2	96.2	96.2	96.2	96.3	96.3
GE 500	40.8	55.1	65.4	75.8	84.4	88.8	93.5	95.2	96.8	97.3	97.6	97.6	97.6	97.6	97.7	97.7
GE 400	40.8	55.1	65.5	76.0	84.7	89.1	94.0	95.8	97.5	98.3	98.7	98.7	98.7	98.7	98.8	98.8
GE 300	40.9	55.2	65.6	76.1	84.8	89.2	94.1	95.9	97.6	98.5	99.0	99.0	99.0	99.0	99.4	99.4
GE 200	40.9	55.2	65.6	76.1	84.8	89.2	94.1	95.9	97.6	98.5	99.1	99.1	99.1	99.1	99.8	99.8
GE 100	40.9	55.2	65.6	76.1	84.8	89.2	94.1	95.9	97.6	98.5	99.1	99.1	99.1	99.1	99.8	99.8
GE 000	40.9	55.2	65.6	76.1	84.8	89.2	94.1	95.9	97.6	98.5	99.1	99.1	99.1	99.1	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.5	43.8	48.8	52.3	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 20000	37.3	50.4	56.6	60.6	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 18000	37.3	50.4	56.6	60.6	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 16000	37.3	50.4	56.6	60.6	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 14000	37.8	51.1	57.2	61.5	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 12000	38.5	52.2	58.6	63.1	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 10000	43.3	58.1	65.2	70.0	72.8	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 9000	43.4	58.4	65.8	70.9	73.8	73.9	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 8000	45.1	61.4	69.4	75.1	78.2	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 7000	45.4	61.7	69.9	75.8	78.9	79.0	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 6000	45.8	62.2	70.3	76.3	79.5	79.6	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 5000	47.2	63.8	71.9	78.0	81.1	81.2	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4500	47.4	64.0	72.3	78.3	81.4	81.5	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4000	48.3	65.1	73.4	79.8	83.1	83.3	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 3500	49.0	66.0	74.5	80.9	84.3	84.5	84.7	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	50.6	68.1	77.7	85.2	89.4	89.6	89.8	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2500	51.0	68.4	78.2	86.0	90.2	90.4	90.6	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000	51.4	68.8	79.0	87.1	91.3	91.5	91.8	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1800	51.5	69.1	79.5	87.6	91.8	92.0	92.4	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1500	51.9	69.9	80.6	88.9	93.1	93.3	93.8	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200	52.2	70.2	81.0	89.4	93.7	94.0	94.5	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	52.2	70.8	81.6	90.4	95.2	95.8	96.6	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	52.2	70.9	81.7	90.5	95.3	95.9	96.7	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	52.2	71.0	81.9	90.8	95.7	96.3	97.2	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	52.2	71.0	82.0	91.1	96.0	96.8	97.6	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	52.2	71.0	82.0	91.1	96.0	96.8	97.6	98.2	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 500	52.2	71.0	82.0	91.2	96.1	97.0	97.8	98.6	98.9	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 400	52.2	71.0	82.2	91.3	96.3	97.2	98.1	98.8	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8
GE 300	52.2	71.0	82.2	91.3	96.3	97.3	98.2	98.9	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	52.2	71.0	82.2	91.3	96.3	97.3	98.2	98.9	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	52.2	71.0	82.2	91.3	96.3	97.3	98.2	98.9	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	52.2	71.0	82.2	91.3	96.3	97.3	98.2	98.9	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.3	45.7	49.0	51.2	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 20000	44.7	55.9	60.9	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 18000	44.8	56.0	61.0	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 16000	44.8	56.0	61.0	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 14000	45.1	56.6	61.5	64.3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 12000	46.5	58.4	63.4	66.2	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 10000	49.8	63.4	69.1	72.2	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 9000	49.8	63.5	69.2	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 8000	51.7	66.2	72.7	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 7000	52.0	66.7	73.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 6000	52.3	66.9	73.3	76.3	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 5000	53.0	67.8	74.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	53.4	68.4	74.9	78.2	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4000	55.8	71.9	78.9	82.8	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3500	57.4	74.1	81.7	85.8	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3000	60.5	78.8	87.1	91.7	92.9	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2500	60.9	79.8	88.2	93.0	94.3	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2000	61.6	81.1	89.6	94.4	95.9	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1800	61.8	81.4	89.9	94.7	96.2	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	62.3	82.0	90.6	95.7	97.3	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	62.4	82.2	90.9	95.9	97.6	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	62.4	82.2	91.1	96.1	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	62.4	82.2	91.1	96.1	98.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	62.4	82.2	91.1	96.1	98.1	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	62.4	82.2	91.1	96.2	98.2	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	62.4	82.2	91.1	96.2	98.2	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	62.4	82.2	91.2	96.3	98.4	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	62.4	82.2	91.2	96.3	98.5	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	62.4	82.2	91.2	96.3	98.5	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	62.4	82.2	91.2	96.3	98.5	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	62.4	82.2	91.2	96.3	98.5	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	62.4	82.2	91.2	96.3	98.5	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 15-17

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.0	44.2	47.8	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 20000	47.7	56.7	62.3	65.5	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 18000	47.7	56.7	62.3	65.5	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 16000	47.7	56.7	62.3	65.5	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 14000	48.1	57.0	62.6	65.9	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000	49.8	59.1	64.8	68.2	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 10000	53.0	63.4	69.4	72.8	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 9000	53.0	63.4	69.4	72.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 8000	55.9	67.1	73.8	77.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 7000	56.2	67.5	74.4	78.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 6000	56.7	68.0	74.8	78.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 5000	57.8	69.4	76.3	80.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4500	58.6	70.3	77.4	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4000	61.8	74.8	82.5	86.8	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3500	62.9	76.3	84.8	89.4	91.3	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 3000	64.5	78.7	88.0	92.7	94.8	94.8	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2500	64.7	79.0	88.4	93.3	95.5	95.5	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	65.2	79.7	89.0	94.2	96.6	96.6	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	65.2	79.7	89.0	94.2	96.6	96.6	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	65.4	80.3	89.8	94.9	97.4	97.4	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	65.4	80.3	89.9	95.1	97.5	97.5	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	65.5	80.5	90.1	95.3	97.8	97.8	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	65.5	80.6	90.2	95.4	98.0	98.0	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	65.5	80.8	90.3	95.5	98.1	98.2	98.4	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	65.5	80.8	90.3	95.6	98.2	98.3	98.5	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	65.5	80.8	90.3	95.6	98.2	98.3	98.5	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	65.5	80.8	90.3	96.0	98.8	98.9	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	65.5	80.8	90.3	96.1	98.9	99.0	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	65.5	80.8	90.3	96.1	98.9	99.0	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	65.5	80.8	90.3	96.1	98.9	99.0	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	65.5	80.8	90.3	96.1	98.9	99.0	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	65.5	80.8	90.3	96.1	98.9	99.0	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.4	47.4	50.3	52.5	53.3	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 20000	48.8	56.8	61.0	63.5	64.9	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 18000	48.9	56.9	61.1	63.7	65.1	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 16000	48.9	56.9	61.1	63.7	65.1	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 14000	49.1	57.1	61.3	63.9	65.3	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 12000	51.4	60.0	64.4	67.2	68.8	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 10000	55.2	65.1	70.4	74.0	75.7	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 9000	55.8	65.7	71.2	74.7	76.6	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 8000	57.7	67.8	73.9	77.4	79.4	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 7000	58.8	69.0	75.1	78.7	80.6	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 6000	59.6	69.8	76.0	79.7	81.6	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 5000	60.9	71.3	77.8	81.8	83.9	84.4	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4500	61.5	72.3	78.9	82.9	84.9	85.5	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 4000	63.8	75.7	82.9	87.8	90.2	90.8	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3500	64.1	76.6	83.8	88.7	91.1	91.6	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 3000	64.5	77.4	84.7	90.0	92.7	93.2	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	64.8	77.8	85.5	90.8	93.5	94.1	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	65.4	78.4	86.0	91.4	94.4	95.1	96.5	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	65.4	78.4	86.1	91.6	94.6	95.3	96.7	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	65.7	79.0	86.8	92.3	95.4	96.0	97.4	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	65.8	79.1	86.9	92.4	95.5	96.1	97.6	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	65.9	79.2	87.0	92.6	95.7	96.3	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	65.9	79.2	87.0	92.6	95.7	96.3	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	65.9	79.4	87.1	92.9	96.0	96.8	98.5	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	66.1	79.6	87.3	93.1	96.3	97.1	98.8	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	66.2	79.7	87.4	93.2	96.5	97.2	98.9	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	66.3	79.8	87.5	93.3	96.6	97.3	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	66.3	79.8	87.6	93.5	96.8	97.5	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.3	79.8	87.6	93.5	96.8	97.5	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.3	79.8	87.6	93.5	96.8	97.5	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.3	79.8	87.6	93.5	96.8	97.5	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	66.3	79.8	87.6	93.5	96.8	97.5	99.2	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.1	50.5	53.7	56.2	57.3	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 20000	48.7	55.9	60.2	63.8	65.1	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 18000	48.7	55.9	60.2	63.8	65.1	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 16000	48.7	55.9	60.2	63.8	65.1	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 14000	48.9	56.1	60.4	64.0	65.3	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 12000	50.0	58.2	62.7	66.2	67.5	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 10000	53.9	63.5	68.6	72.5	74.1	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 9000	54.2	63.9	68.9	72.8	74.4	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 8000	56.9	67.3	73.0	77.3	78.9	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 7000	58.2	68.6	74.5	78.8	80.4	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 6000	58.3	68.7	74.7	79.1	80.8	81.8	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 5000	59.5	70.8	77.0	81.5	83.3	84.4	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4500	60.0	71.3	77.7	82.3	84.1	85.2	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4000	63.3	75.5	82.7	88.0	90.2	91.3	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3500	63.7	76.0	83.2	88.5	90.9	91.9	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3000	64.6	77.4	84.8	90.5	92.9	94.0	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	65.1	77.8	85.3	91.1	93.4	94.5	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	65.2	78.2	85.6	91.4	93.8	94.8	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	65.2	78.5	85.9	91.7	94.1	95.2	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1500	65.2	78.6	86.0	92.0	94.4	95.5	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	65.3	78.7	86.2	92.3	94.7	95.8	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	65.4	79.1	86.9	92.9	95.4	96.5	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	65.4	79.4	87.1	93.3	95.8	96.9	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	65.5	79.5	87.2	93.5	96.3	97.4	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	65.7	79.7	87.4	93.8	96.8	98.0	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	65.7	79.7	87.4	93.8	96.8	98.0	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	65.9	79.9	87.6	94.3	97.3	98.5	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	66.0	80.0	87.7	94.5	97.6	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.0	80.0	87.7	94.5	97.6	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.0	80.0	87.7	94.5	97.6	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.0	80.0	87.7	94.5	97.6	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	66.0	80.0	87.7	94.5	97.6	98.8	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 1/8
NO CEIL	36.5	44.5	49.0	52.4	54.5	55.0	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 20000	42.1	51.7	57.5	61.7	64.1	64.6	65.3	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 18000	42.1	51.8	57.6	61.7	64.1	64.6	65.3	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	42.1	51.8	57.6	61.7	64.1	64.6	65.3	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	42.3	52.1	57.9	62.1	64.5	65.0	65.7	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	43.5	53.6	59.6	64.0	66.5	67.1	67.8	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2
GE 10000	47.0	58.4	65.1	69.9	72.9	73.6	74.3	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.8	74.8
GE 9000	47.2	58.7	65.6	70.4	73.4	74.2	74.9	75.1	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
GE 8000	49.4	61.7	69.2	74.4	77.6	78.5	79.3	79.5	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 7000	50.1	62.6	70.2	75.5	78.7	79.6	80.4	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0
GE 6000	50.4	62.9	70.7	76.0	79.2	80.1	81.0	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.6
GE 5000	51.3	64.2	72.0	77.5	80.8	81.7	82.6	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.2
GE 4500	51.8	64.8	72.8	78.4	81.8	82.7	83.6	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3
GE 4000	53.5	67.3	75.7	81.8	85.6	86.7	87.7	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3500	54.1	68.2	76.9	83.0	86.9	87.9	89.0	89.4	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000	55.3	69.8	79.0	85.5	89.7	90.8	91.9	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 2500	55.5	70.3	79.5	86.2	90.5	91.6	92.7	93.1	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 2000	55.9	70.8	80.1	87.0	91.3	92.4	93.6	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.5	94.5
GE 1800	56.0	70.9	80.3	87.2	91.5	92.7	93.8	94.3	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 1500	56.1	71.4	80.9	87.9	92.3	93.5	94.7	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200	56.2	71.5	81.2	88.1	92.6	93.8	95.1	95.6	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	56.3	71.8	81.6	88.7	93.3	94.7	96.0	96.5	96.7	96.9	96.9	96.9	96.9	96.9	97.0	97.0
GE 900	56.3	71.9	81.7	88.8	93.5	94.8	96.2	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	56.4	72.0	81.8	89.0	93.8	95.2	96.6	97.2	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	56.4	72.1	82.0	89.2	94.2	95.6	97.0	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.2	98.2
GE 600	56.5	72.2	82.0	89.3	94.2	95.7	97.1	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	56.5	72.2	82.2	89.6	94.6	96.2	97.7	98.5	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	56.6	72.4	82.3	89.8	94.9	96.4	98.1	98.9	99.2	99.5	99.6	99.6	99.6	99.6	99.7	99.7
GE 300	56.6	72.4	82.3	89.8	94.9	96.5	98.1	98.9	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	56.6	72.4	82.3	89.8	94.9	96.5	98.1	98.9	99.3	99.6	99.8	99.8	99.8	99.8	100.0	100.0
GE 100	56.6	72.4	82.3	89.8	94.9	96.5	98.1	98.9	99.3	99.6	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	56.6	72.4	82.3	89.8	94.9	96.5	98.1	98.9	99.3	99.6	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.0	51.3	53.9	56.0	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 20000	50.4	55.6	58.2	60.4	63.3	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 18000	50.7	55.8	58.4	60.7	63.6	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 16000	50.7	55.8	58.4	60.7	63.6	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 14000	50.7	55.8	58.4	60.7	63.6	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 12000	51.7	56.8	59.4	61.7	64.6	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 10000	53.8	59.6	62.8	65.1	68.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000	54.0	59.9	63.1	65.4	68.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 8000	56.9	63.4	67.6	70.1	73.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 7000	58.7	65.3	69.6	72.3	75.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 6000	58.7	65.3	69.6	72.3	75.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 5000	60.7	67.8	72.0	74.8	77.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4500	61.8	69.1	73.6	76.3	79.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4000	64.3	72.0	76.4	79.6	83.0	84.0	84.2	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500	64.7	72.7	77.3	80.7	84.4	85.4	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3000	66.3	74.6	79.3	82.8	86.7	87.7	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2500	66.8	75.1	79.9	83.4	87.3	88.4	89.0	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2000	67.4	76.0	81.0	84.8	88.9	90.0	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	67.7	76.3	81.3	85.1	89.2	90.3	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	68.0	77.2	82.3	86.3	90.4	91.7	92.2	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	68.1	77.4	82.6	86.7	91.0	92.2	93.0	93.3	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
GE 1000	68.1	77.4	82.8	87.1	91.6	92.8	93.6	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	68.2	77.6	82.9	87.2	91.7	92.9	93.7	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 800	68.2	77.6	82.9	87.3	92.1	93.4	94.2	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 700	68.2	77.6	82.9	87.6	92.7	94.0	94.9	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	68.3	77.7	83.0	87.7	92.8	94.1	95.1	95.4	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	68.3	77.7	83.1	87.9	93.2	94.6	95.8	96.4	96.7	96.9	97.1	97.1	97.1	97.1	97.1	97.1
GE 400	68.6	78.0	83.6	88.3	94.0	95.6	96.8	97.4	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	68.6	78.0	83.6	88.3	94.3	96.1	97.4	98.1	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	68.6	78.0	83.6	88.3	94.3	96.1	97.4	98.2	98.4	99.0	99.2	99.2	99.2	99.7	99.7	99.7
GE 100	68.6	78.0	83.6	88.3	94.3	96.1	97.6	98.3	98.6	99.1	99.3	99.3	99.3	99.8	99.8	99.8
GE 000	68.6	78.0	83.6	88.3	94.3	96.1	97.6	98.3	98.6	99.1	99.3	99.3	99.3	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 03-05

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.1	46.2	49.3	52.6	54.6	56.2	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 20000	44.3	49.8	53.3	56.9	59.0	60.9	61.4	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 18000	44.3	49.8	53.3	56.9	59.0	60.9	61.4	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 16000	44.3	49.8	53.3	56.9	59.0	60.9	61.4	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 14000	44.3	49.8	53.3	56.9	59.0	60.9	61.4	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 12000	44.9	50.3	53.9	57.4	59.6	61.4	62.0	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 10000	46.3	52.3	56.3	60.4	62.6	64.7	65.3	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 9000	46.7	52.7	56.7	60.8	62.9	65.0	65.7	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 8000	48.9	55.7	60.7	65.2	67.8	69.9	70.6	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 7000	50.2	57.0	62.0	66.6	69.1	71.2	71.9	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 6000	50.4	57.2	62.2	66.8	69.3	71.4	72.1	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 5000	52.9	59.9	65.0	69.6	72.1	74.2	74.9	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4500	54.3	61.7	66.8	71.4	74.1	76.2	76.9	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4000	55.4	64.0	69.3	74.2	77.0	79.1	80.0	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3500	56.1	64.7	70.0	75.0	78.0	80.1	81.1	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3000	57.1	65.9	71.4	76.4	79.6	81.7	82.8	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 2500	57.2	66.3	72.4	77.4	80.7	82.8	83.9	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	58.1	67.2	73.3	78.6	81.9	84.0	85.1	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1800	58.1	67.2	73.4	78.7	82.2	84.3	85.4	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1500	59.0	68.2	74.8	80.0	84.0	86.1	87.2	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1200	59.4	68.7	75.2	80.6	84.7	86.8	87.9	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1000	59.4	68.7	75.2	81.2	85.4	87.6	88.7	89.7	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1
GE 900	59.7	68.9	75.4	81.6	85.9	88.0	89.1	90.1	90.3	90.4	90.4	90.4	90.4	90.7	90.7	90.7
GE 800	59.7	68.9	75.4	81.8	86.2	88.3	89.4	90.4	90.7	90.8	90.8	90.8	90.8	91.0	91.0	91.0
GE 700	59.8	69.4	76.1	82.6	87.0	89.3	90.6	91.7	91.9	92.0	92.0	92.0	92.0	92.2	92.2	92.2
GE 600	59.8	69.6	76.3	82.8	87.4	89.8	91.0	92.3	92.7	92.8	92.8	92.8	92.8	93.0	93.0	93.0
GE 500	59.9	69.8	76.9	83.9	89.0	91.7	93.0	94.3	94.8	94.9	94.9	94.9	94.9	95.1	95.1	95.1
GE 400	60.0	69.9	77.2	84.8	89.9	92.9	94.6	96.0	96.6	96.7	96.8	96.8	96.8	97.0	97.0	97.0
GE 300	60.0	69.9	77.4	85.1	90.2	93.4	95.1	96.9	97.6	97.9	98.0	98.0	98.0	98.2	98.2	98.3
GE 200	60.0	69.9	77.4	85.1	90.2	93.4	95.2	97.2	97.9	98.3	98.6	98.6	98.7	99.1	99.1	99.7
GE 100	60.0	69.9	77.4	85.1	90.2	93.4	95.2	97.3	98.0	98.4	98.7	98.7	98.8	99.2	99.4	100.0
GE 000	60.0	69.9	77.4	85.1	90.2	93.4	95.2	97.3	98.0	98.4	98.7	98.7	98.8	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.1	39.7	44.2	47.1	49.8	51.7	52.6	53.1	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4
GE 20000	35.4	44.0	49.6	52.7	55.7	57.7	58.9	59.8	59.8	60.1	60.2	60.2	60.2	60.2	60.3	60.3
GE 18000	35.4	44.0	49.6	52.7	55.7	57.7	58.9	59.8	59.8	60.1	60.2	60.2	60.2	60.2	60.3	60.3
GE 16000	35.4	44.0	49.6	52.7	55.7	57.7	58.9	59.8	59.8	60.1	60.2	60.2	60.2	60.2	60.3	60.3
GE 14000	35.7	44.2	49.8	52.9	55.9	57.9	59.1	60.0	60.0	60.3	60.4	60.4	60.4	60.4	60.6	60.6
GE 12000	36.7	45.2	50.8	54.1	57.1	59.4	60.7	61.6	61.6	61.9	62.0	62.0	62.0	62.0	62.1	62.1
GE 10000	37.7	46.6	52.6	56.1	59.4	61.8	63.2	64.1	64.1	64.4	64.6	64.6	64.6	64.6	64.7	64.7
GE 9000	37.8	46.7	52.7	56.4	59.8	62.1	63.6	64.4	64.4	64.8	64.9	64.9	64.9	64.9	65.0	65.0
GE 8000	39.4	49.1	55.8	60.0	63.6	66.0	67.4	68.7	68.7	69.0	69.1	69.1	69.1	69.1	69.2	69.2
GE 7000	40.2	50.2	56.9	61.2	64.8	67.2	68.7	69.9	69.9	70.2	70.3	70.3	70.3	70.3	70.4	70.4
GE 6000	40.2	50.2	56.9	61.2	64.8	67.2	68.8	70.0	70.0	70.3	70.4	70.4	70.4	70.4	70.6	70.6
GE 5000	41.0	51.4	58.2	62.6	66.1	68.6	70.2	71.4	71.4	71.8	71.9	71.9	71.9	71.9	72.0	72.0
GE 4500	41.8	52.2	59.2	63.7	67.3	69.9	71.7	73.0	73.0	73.3	73.4	73.4	73.4	73.4	73.6	73.6
GE 4000	42.7	54.1	61.1	65.6	69.3	72.0	73.9	75.2	75.3	75.7	75.8	75.8	75.8	75.8	75.9	75.9
GE 3500	43.2	54.7	61.8	66.6	70.3	73.0	74.9	76.3	76.4	76.9	77.0	77.0	77.0	77.0	77.1	77.1
GE 3000	44.2	55.9	63.3	68.3	72.2	74.9	76.9	78.3	78.4	79.1	79.2	79.2	79.2	79.2	79.3	79.3
GE 2500	45.0	56.7	64.2	69.3	73.2	76.0	78.1	79.6	79.7	80.3	80.4	80.4	80.4	80.4	80.6	80.6
GE 2000	45.9	57.7	65.2	70.8	74.8	77.9	80.6	82.1	82.2	82.9	83.0	83.0	83.0	83.0	83.1	83.1
GE 1800	46.0	57.8	65.3	70.9	74.9	78.0	80.8	82.3	82.4	83.1	83.2	83.2	83.2	83.2	83.3	83.3
GE 1500	46.9	59.8	67.8	73.6	77.6	81.2	84.0	85.6	85.8	86.4	86.6	86.6	86.6	86.6	86.7	86.7
GE 1200	47.2	60.4	68.4	74.3	78.9	82.7	85.4	87.0	87.3	88.1	88.2	88.2	88.2	88.2	88.3	88.3
GE 1000	47.4	60.9	68.9	74.8	79.6	83.6	86.3	88.0	88.3	89.1	89.2	89.2	89.2	89.2	89.3	89.3
GE 900	47.4	61.0	69.0	74.9	79.7	83.7	86.4	88.1	88.4	89.2	89.3	89.3	89.3	89.3	89.4	89.4
GE 800	47.7	61.3	69.4	75.4	80.4	84.4	87.3	89.0	89.3	90.2	90.3	90.3	90.3	90.3	90.4	90.4
GE 700	48.1	61.8	70.1	76.3	81.6	85.8	89.0	90.7	91.0	91.9	92.0	92.0	92.0	92.0	92.1	92.1
GE 600	48.2	62.1	70.4	77.1	82.7	87.1	90.7	92.4	92.8	93.7	93.8	93.8	93.8	93.8	93.9	93.9
GE 500	48.2	62.1	70.4	77.3	83.0	87.4	91.4	93.3	94.0	94.9	95.0	95.0	95.0	95.0	95.1	95.2
GE 400	48.2	62.1	70.6	77.7	83.8	88.4	92.6	94.6	95.3	96.7	96.8	96.8	96.9	96.9	97.0	97.1
GE 300	48.2	62.1	70.6	77.7	84.1	88.8	93.1	95.3	96.3	97.9	98.1	98.1	98.3	98.3	98.4	98.6
GE 200	48.2	62.1	70.6	77.7	84.1	88.8	93.3	95.6	96.7	98.3	98.6	98.6	99.0	99.0	99.2	99.6
GE 100	48.2	62.1	70.6	77.7	84.1	88.8	93.3	95.6	96.7	98.3	98.6	98.6	99.0	99.0	99.3	99.8
GE 000	48.2	62.1	70.6	77.7	84.1	88.8	93.3	95.6	96.7	98.3	98.6	98.6	99.0	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.7	50.2	52.6	53.9	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 20000	48.1	57.9	60.8	62.4	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 18000	48.1	57.9	60.9	62.7	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 16000	48.1	57.9	60.9	62.7	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 14000	48.7	58.4	61.4	63.2	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 12000	49.0	59.2	62.2	64.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 10000	50.7	61.7	65.0	66.9	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 9000	50.9	61.9	65.3	67.2	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 8000	53.0	65.6	69.2	71.2	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 7000	53.6	66.4	70.1	72.1	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 6000	54.0	66.9	70.6	72.6	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 5000	54.4	67.3	71.0	73.0	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4500	55.0	68.1	71.9	74.0	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4000	56.1	69.9	73.8	76.1	77.7	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 3500	56.4	70.3	74.3	76.7	78.2	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3000	58.7	73.2	77.3	79.8	81.4	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2500	59.3	74.2	78.6	81.0	82.8	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 2000	60.3	75.2	79.9	82.6	84.4	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1800	60.3	75.4	80.1	82.8	84.9	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1500	62.1	78.3	83.6	86.4	89.0	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1200	62.9	79.4	84.7	87.6	90.2	90.4	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	63.3	80.1	85.6	88.9	91.9	92.4	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 900	63.4	80.2	85.8	89.2	92.3	92.9	93.2	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 800	63.7	81.0	86.8	90.4	93.7	94.3	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 700	63.9	81.6	87.6	91.4	94.8	95.6	96.0	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	63.9	81.6	87.7	91.7	95.0	95.9	96.3	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	64.0	81.7	87.8	92.1	95.4	96.4	97.3	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	64.0	81.7	87.8	92.1	95.8	97.1	98.1	98.8	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	64.0	81.7	87.8	92.1	95.8	97.4	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	64.0	81.7	87.8	92.1	95.8	97.4	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	64.0	81.7	87.8	92.1	95.8	97.4	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	64.0	81.7	87.8	92.1	95.8	97.4	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.2	48.3	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 20000	50.8	57.7	59.1	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 18000	50.9	57.8	59.2	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 16000	50.9	57.8	59.2	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 14000	51.1	58.0	59.4	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 12000	53.0	60.1	61.6	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 10000	55.1	63.2	64.7	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 9000	55.9	64.0	65.4	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 8000	58.1	67.0	68.8	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 7000	58.3	67.3	69.1	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 6000	58.9	67.9	69.7	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 5000	60.2	69.2	71.0	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4500	61.9	71.0	72.8	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4000	66.3	75.8	77.7	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3500	67.4	77.1	79.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 3000	70.2	80.9	83.7	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2500	71.3	82.3	85.3	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	73.6	85.2	88.6	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	73.8	85.4	88.8	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1500	74.3	86.6	90.2	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	74.6	87.2	91.1	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1000	74.9	88.1	92.2	94.9	95.7	95.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 900	75.0	88.3	92.4	95.1	95.9	96.1	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	75.0	88.4	92.8	95.4	96.3	96.6	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	75.0	88.4	92.9	95.9	97.0	97.4	97.9	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	75.0	88.4	92.9	95.9	97.1	97.7	98.1	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9
GE 500	75.1	88.6	93.1	96.1	97.3	98.0	98.4	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 400	75.1	88.6	93.1	96.1	97.3	98.1	98.8	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	75.2	88.7	93.2	96.2	97.4	98.2	98.9	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	75.2	88.7	93.2	96.2	97.4	98.2	98.9	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	75.2	88.7	93.2	96.2	97.4	98.2	98.9	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	75.2	88.7	93.2	96.2	97.4	98.2	98.9	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 1/8
NO CEIL	45.4	49.7	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 20000	52.6	58.1	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 18000	52.6	58.1	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 16000	52.6	58.1	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 14000	52.9	58.4	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 12000	54.4	60.3	62.2	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 10000	56.6	63.4	65.4	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 9000	56.7	63.6	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 8000	62.4	70.0	72.2	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 7000	63.1	70.8	73.0	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 6000	63.3	71.0	73.2	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 5000	65.0	72.9	75.1	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4500	66.2	74.3	76.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 4000	70.4	79.3	82.0	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 3500	70.9	79.8	82.6	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3000	72.9	82.9	86.4	88.2	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2500	73.9	84.0	88.1	90.0	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2000	74.7	85.0	89.2	91.6	92.2	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1800	74.9	85.2	89.4	91.8	92.4	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1500	75.6	86.9	91.6	94.0	94.7	95.1	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	75.7	87.3	92.2	95.0	95.8	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	75.7	87.6	92.6	95.7	96.6	97.1	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	75.7	87.6	92.6	95.7	96.6	97.2	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	75.8	87.7	92.8	95.9	96.8	97.6	98.0	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	75.8	87.7	92.8	95.9	96.8	97.6	98.1	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	75.8	87.7	92.8	95.9	96.8	97.6	98.1	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	75.8	87.7	92.8	96.1	97.0	97.8	98.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	75.8	87.7	92.8	96.1	97.0	97.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	75.8	87.7	92.8	96.1	97.0	97.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	75.8	87.7	92.8	96.1	97.0	97.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	75.8	87.7	92.8	96.1	97.0	97.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	75.8	87.7	92.8	96.1	97.0	97.8	98.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.9	51.7	54.3	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 20000	53.9	59.7	62.9	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 18000	53.9	59.7	62.9	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 16000	53.9	59.7	62.9	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 14000	54.3	60.1	63.3	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000	55.2	61.1	64.3	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 10000	57.9	64.8	68.0	69.6	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 9000	58.0	65.0	68.2	69.8	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 8000	62.6	70.8	74.1	76.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 7000	63.6	71.8	75.1	77.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 6000	63.6	71.8	75.1	77.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 5000	65.2	73.7	77.0	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4500	67.0	75.7	79.2	81.2	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4000	68.8	78.4	82.4	84.4	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3500	69.2	79.2	83.4	85.6	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	70.8	81.1	85.6	87.8	88.8	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2500	71.0	81.9	86.9	89.1	90.2	90.3	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2000	71.3	82.6	87.7	90.1	91.6	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1800	71.6	82.8	87.9	90.3	91.8	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1500	71.9	84.0	89.4	91.9	93.7	93.9	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	72.0	84.1	89.7	92.1	94.2	94.6	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	72.1	84.3	90.1	92.9	95.2	95.7	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	72.1	84.3	90.1	92.9	95.2	95.7	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	72.1	84.3	90.3	93.1	95.6	96.0	97.1	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	72.1	84.3	90.3	93.2	95.9	96.3	97.6	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	72.2	84.4	90.4	93.4	96.1	96.6	98.0	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	72.2	84.4	90.4	93.4	96.1	96.6	98.4	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	72.2	84.4	90.4	93.4	96.1	96.6	98.6	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	72.2	84.4	90.4	93.4	96.1	96.6	98.7	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	72.2	84.4	90.4	93.4	96.1	96.6	98.8	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	72.2	84.4	90.4	93.4	96.1	96.6	98.8	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	72.2	84.4	90.4	93.4	96.1	96.6	98.8	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: 21-23

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL		49.9	54.0	56.8	59.0	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 20000		54.3	59.9	63.0	66.0	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 18000		54.4	60.0	63.1	66.1	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 16000		54.4	60.0	63.1	66.1	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 14000		54.4	60.0	63.1	66.1	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 12000		55.3	61.1	64.2	67.2	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 10000		57.3	64.3	67.6	70.8	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 9000		57.6	64.6	67.8	71.0	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 8000		60.9	68.3	71.8	75.3	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 7000		62.1	69.9	73.4	77.0	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 6000		62.2	70.0	73.6	77.1	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 5000		64.0	71.8	75.4	79.1	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4500		66.3	74.4	78.7	82.3	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 4000		68.1	76.3	80.9	84.7	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3500		69.2	77.6	82.4	86.2	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3000		70.4	79.0	84.1	88.0	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2500		71.7	80.7	85.9	89.8	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2000		72.2	81.7	87.2	91.3	92.8	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800		72.7	82.1	87.7	91.8	93.2	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1500		72.9	82.6	88.1	92.3	93.9	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200		72.9	82.6	88.2	92.4	94.1	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
GE 1000		72.9	82.6	88.3	92.7	94.7	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 900		72.9	82.6	88.3	92.7	94.7	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
GE 800		72.9	82.6	88.3	92.8	94.9	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
GE 700		72.9	82.6	88.7	93.1	95.6	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 600		72.9	82.6	88.7	93.1	95.7	96.4	96.9	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3
GE 500		72.9	82.7	88.9	93.7	96.4	97.2	98.3	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 400		72.9	82.7	89.1	93.9	96.8	97.7	98.8	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 300		72.9	82.7	89.1	93.9	96.8	97.7	98.8	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6
GE 200		72.9	82.7	89.1	93.9	96.8	97.7	98.8	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.8	99.8
GE 100		72.9	82.7	89.1	93.9	96.8	97.7	98.8	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.9	100.0
GE 000		72.9	82.7	89.1	93.9	96.8	97.7	98.8	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.5	48.9	51.4	53.0	54.1	54.6	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 20000	48.7	55.3	58.4	60.3	61.6	62.2	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 18000	48.8	55.4	58.4	60.4	61.7	62.3	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 16000	48.8	55.4	58.4	60.4	61.7	62.3	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 14000	49.0	55.6	58.7	60.7	61.9	62.5	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 12000	50.0	56.8	59.8	61.9	63.1	63.8	64.0	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 10000	51.9	59.5	62.8	65.0	66.4	67.1	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 9000	52.2	59.8	63.1	65.4	66.7	67.5	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 8000	55.3	63.7	67.5	70.1	71.6	72.3	72.6	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 7000	56.2	64.8	68.7	71.2	72.7	73.5	73.8	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1
GE 6000	56.4	65.0	68.8	71.4	72.9	73.7	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 5000	57.9	66.8	70.6	73.2	74.7	75.5	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4500	59.3	68.3	72.3	75.0	76.6	77.3	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4000	61.5	71.2	75.5	78.3	80.0	80.8	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6
GE 3500	62.2	72.0	76.4	79.3	81.1	81.9	82.3	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3000	63.8	74.2	78.9	82.1	84.0	84.8	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2500	64.5	75.2	80.2	83.4	85.5	86.3	86.9	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	65.4	76.3	81.5	85.1	87.2	88.1	88.8	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1800	65.6	76.5	81.8	85.3	87.5	88.5	89.1	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1500	66.3	77.9	83.5	87.2	89.6	90.6	91.3	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1200	66.6	78.4	84.0	87.8	90.4	91.5	92.3	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000	66.7	78.7	84.5	88.5	91.3	92.5	93.4	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	66.8	78.8	84.6	88.7	91.5	92.7	93.6	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.5	94.5
GE 800	66.9	79.0	84.8	89.0	92.0	93.3	94.2	94.8	94.9	95.1	95.1	95.1	95.1	95.2	95.2	95.2
GE 700	67.0	79.2	85.2	89.5	92.7	94.0	95.1	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	67.0	79.3	85.3	89.7	92.9	94.4	95.5	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.8	96.8
GE 500	67.1	79.3	85.4	90.1	93.4	95.0	96.4	97.3	97.5	97.8	97.8	97.8	97.8	97.9	97.9	97.9
GE 400	67.1	79.4	85.6	90.3	93.8	95.5	97.1	98.1	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.9
GE 300	67.1	79.4	85.6	90.4	94.0	95.8	97.4	98.5	98.8	99.2	99.3	99.3	99.4	99.4	99.4	99.4
GE 200	67.1	79.4	85.6	90.4	94.0	95.8	97.4	98.6	98.9	99.3	99.4	99.4	99.6	99.7	99.7	99.8
GE 100	67.1	79.4	85.6	90.4	94.0	95.8	97.5	98.6	99.0	99.4	99.5	99.5	99.6	99.7	99.8	99.9
GE 000	67.1	79.4	85.6	90.4	94.0	95.8	97.5	98.6	99.0	99.4	99.5	99.5	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 7
NO CEIL	50.4	56.2	58.3	59.5	60.4	60.9	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 20000	55.2	61.6	63.7	65.1	66.0	66.7	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 18000	55.2	61.6	63.7	65.1	66.0	66.7	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 16000	55.2	61.6	63.7	65.1	66.0	66.7	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 14000	55.3	61.7	63.8	65.2	66.1	66.8	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 12000	55.7	62.2	64.2	65.6	66.6	67.2	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 10000	59.5	66.5	68.5	70.0	71.0	71.6	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 9000	59.8	66.8	68.8	70.3	71.3	71.9	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 8000	62.8	69.9	72.3	74.1	75.2	75.8	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 7000	64.4	71.6	74.1	75.9	77.1	77.7	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 6000	64.8	72.0	74.5	76.3	77.6	78.5	79.0	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 5000	66.3	74.0	76.6	78.4	79.7	80.5	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4500	67.2	74.8	77.5	79.4	80.6	81.5	82.0	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4000	69.6	77.2	80.2	82.0	83.3	84.2	84.7	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3500	70.9	78.5	81.9	83.8	85.2	86.0	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 3000	72.6	80.6	84.3	86.3	87.7	88.6	89.1	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2500	73.1	81.3	85.3	87.6	89.2	90.1	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2000	73.8	82.3	86.5	88.8	90.6	91.6	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1800	73.8	82.4	86.6	88.9	90.8	91.7	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500	73.9	82.5	86.9	89.5	91.4	92.4	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1200	73.9	82.5	86.9	89.5	91.4	92.4	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1000	73.9	82.5	86.9	89.5	91.4	92.4	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 900	73.9	82.5	86.9	9.5	91.4	92.4	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 800	73.9	82.5	86.9	89.6	91.7	92.8	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 700	73.9	82.7	87.1	90.0	92.3	93.3	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 600	73.9	82.8	87.2	90.1	92.5	93.5	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 500	73.9	82.8	87.2	90.3	93.0	94.2	9.7	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 400	73.9	82.9	87.4	90.6	93.8	95.2	95.7	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.2	96.2
GE 300	73.9	82.9	87.5	90.8	93.9	95.6	96.5	97.2	97.4	97.5	97.6	97.6	97.7	97.7	97.8	97.8
GE 200	73.9	82.9	87.5	90.9	94.0	95.7	96.8	97.6	97.8	98.1	98.2	98.3	98.6	98.7	98.8	98.8
GE 100	73.9	82.9	87.5	90.9	94.0	95.7	97.1	98.2	98.4	98.6	98.8	98.9	99.4	99.6	99.8	100.0
GE 000	73.9	82.9	87.5	90.9	94.0	95.7	97.1	98.2	98.4	98.6	98.8	98.9	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JU- 89
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.3	51.2	53.5	55.4	56.9	57.4	58.0	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.4	58.5
GE 20000	49.5	55.9	58.5	60.3	61.8	62.4	62.9	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.5
GE 18000	49.5	55.9	58.5	60.3	61.8	62.4	62.9	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.5
GE 16000	49.5	55.9	58.5	60.3	61.8	62.4	62.9	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.5
GE 14000	49.6	56.0	58.6	60.4	61.9	62.5	63.0	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.7
GE 12000	50.1	56.7	59.2	61.1	62.6	63.1	63.7	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.3
GE 10000	53.7	60.8	63.3	65.3	66.8	67.3	67.8	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.5
GE 9000	54.2	61.3	63.9	65.8	67.3	67.8	68.4	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.9	69.0
GE 8000	58.2	65.9	68.6	70.9	72.5	73.0	73.5	73.9	73.9	74.1	74.2	74.2	74.2	74.2	74.3	74.4
GE 7000	58.9	66.9	69.7	71.9	73.5	74.1	74.7	75.1	75.1	75.3	75.4	75.4	75.4	75.4	75.5	75.6
GE 6000	59.1	67.1	69.9	72.2	73.8	74.3	74.9	75.3	75.3	75.5	75.6	75.6	75.6	75.6	75.7	75.8
GE 5000	60.8	69.4	72.3	74.5	76.2	76.8	77.4	77.8	77.8	78.1	78.2	78.2	78.2	78.2	78.3	78.4
GE 4500	61.5	70.4	73.4	75.7	77.4	78.0	78.6	79.0	79.0	79.2	79.4	79.4	79.4	79.4	79.5	79.6
GE 4000	62.7	71.9	74.9	77.2	78.9	79.5	80.1	80.5	80.5	80.8	80.9	80.9	80.9	80.9	81.0	81.1
GE 3500	64.5	73.9	77.0	79.4	81.2	81.7	82.4	82.8	82.8	83.0	83.1	83.1	83.2	83.2	83.3	83.4
GE 3000	65.4	75.3	78.5	81.0	82.8	83.3	84.0	84.4	84.4	84.6	84.7	84.7	84.8	84.8	84.9	85.1
GE 2500	65.7	75.7	78.9	81.4	83.3	83.9	84.7	85.3	85.3	85.5	85.6	85.6	85.7	85.7	85.8	85.9
GE 2000	66.5	76.7	80.0	82.5	84.6	85.2	86.0	86.6	86.6	86.8	86.9	86.9	87.0	87.0	87.1	87.2
GE 1800	66.5	76.7	80.0	82.7	84.6	85.4	86.2	86.8	86.8	87.0	87.1	87.1	87.2	87.2	87.3	87.4
GE 1500	67.2	77.7	81.1	83.8	86.1	86.8	87.6	88.2	88.2	88.4	88.5	88.5	88.6	88.6	88.7	88.8
GE 1200	67.2	77.7	81.1	83.8	86.1	86.8	87.6	88.2	88.2	88.4	88.5	88.5	88.6	88.6	88.7	88.8
GE 1000	67.3	78.2	81.6	84.4	86.8	87.4	88.3	88.8	88.8	89.0	89.1	89.1	89.2	89.2	89.4	89.5
GE 900	67.3	78.2	81.6	84.4	86.9	87.5	88.4	88.9	88.9	89.1	89.2	89.2	89.4	89.4	89.5	89.6
GE 800	67.3	78.2	81.7	84.7	87.3	88.0	88.8	89.4	89.4	89.6	89.7	89.7	89.8	89.8	89.9	90.0
GE 700	67.4	78.3	81.8	84.9	87.7	88.4	89.2	89.8	89.8	90.0	90.1	90.1	90.2	90.2	90.3	90.4
GE 600	67.4	78.3	81.8	85.2	88.4	89.0	90.0	90.5	90.5	90.8	90.9	90.9	91.0	91.0	91.1	91.2
GE 500	67.4	78.3	82.2	85.6	89.0	90.1	91.2	91.8	91.8	92.0	92.2	92.2	92.3	92.3	92.4	92.5
GE 400	67.4	78.3	82.6	86.6	90.4	91.7	93.2	94.1	94.2	94.4	94.5	94.5	94.6	94.6	94.7	94.8
GE 300	67.4	78.3	82.6	86.8	90.8	92.5	94.1	95.2	95.4	95.6	95.7	95.7	95.9	95.9	96.0	96.3
GE 200	67.4	78.3	82.8	87.1	91.1	92.9	94.5	95.8	96.0	96.5	96.8	96.8	97.2	97.2	97.5	98.2
GE 100	67.4	78.3	82.9	87.2	91.2	93.2	94.9	96.2	96.5	96.9	97.2	97.2	97.6	97.6	98.5	99.9
GE 000	67.4	78.3	82.9	87.2	91.2	93.2	94.9	96.2	96.5	96.9	97.2	97.2	97.6	97.6	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.2	43.2	46.1	47.2	49.5	50.5	51.1	51.4	51.5	51.5	51.8	51.8	51.9	51.9	52.4	52.5
GE 20000	40.0	47.3	50.9	52.0	54.4	55.5	56.2	56.6	56.7	56.7	57.0	57.0	57.1	57.1	57.5	57.6
GE 18000	40.0	47.3	50.9	52.0	54.4	55.5	56.2	56.6	56.7	56.7	57.0	57.0	57.1	57.1	57.5	57.6
GE 16000	40.0	47.3	50.9	52.0	54.4	55.5	56.2	56.6	56.7	56.7	57.0	57.0	57.1	57.1	57.5	57.6
GE 14000	40.0	47.3	50.9	52.0	54.5	55.6	56.3	56.7	56.8	56.8	57.1	57.1	57.2	57.2	57.6	57.7
GE 12000	40.8	48.3	51.9	53.1	55.6	56.7	57.4	57.8	58.0	58.0	58.3	58.3	58.4	58.4	58.8	58.9
GE 10000	44.4	51.9	56.0	57.4	60.1	61.2	61.9	62.4	62.5	62.5	62.8	62.8	62.9	62.9	63.3	63.5
GE 9000	44.6	52.2	56.2	57.6	60.4	61.5	62.3	62.7	62.8	62.8	63.1	63.1	63.2	63.2	63.7	63.9
GE 8000	48.6	56.5	61.1	62.9	66.2	67.4	68.2	68.7	68.9	69.0	69.4	69.4	69.5	69.5	69.9	70.1
GE 7000	49.9	58.0	62.7	64.5	67.8	69.0	69.8	70.3	70.5	70.6	71.0	71.0	71.1	71.1	71.5	71.7
GE 6000	50.6	58.7	63.4	65.3	68.6	69.8	70.5	71.1	71.3	71.4	71.7	71.7	71.8	71.8	72.3	72.5
GE 5000	52.5	60.8	65.6	67.7	71.2	72.4	73.1	73.7	73.9	74.0	74.3	74.3	74.4	74.4	74.8	75.1
GE 4500	54.6	63.1	68.1	70.2	73.7	74.8	75.6	76.1	76.3	76.5	76.8	76.8	76.9	76.9	77.3	77.5
GE 4000	56.5	65.1	70.0	72.4	75.9	77.1	77.8	78.4	78.6	78.7	79.0	79.0	79.1	79.1	79.6	79.8
GE 3500	58.0	66.9	72.0	74.4	78.1	79.2	80.0	80.5	80.8	80.9	81.2	81.2	81.3	81.3	81.7	81.9
GE 3000	59.2	68.3	73.7	76.1	79.8	81.0	81.8	82.5	82.7	83.0	83.3	83.3	83.4	83.4	83.9	84.1
GE 2500	59.7	69.1	74.6	77.2	80.9	82.2	83.0	83.8	84.1	84.4	84.7	84.7	84.8	84.8	85.3	85.5
GE 2000	60.1	69.6	75.1	77.6	81.4	82.7	83.7	84.4	84.7	85.1	85.4	85.4	85.5	85.5	85.9	86.1
GE 1800	60.2	69.8	75.5	78.1	81.8	83.1	84.1	84.8	85.2	85.5	85.8	85.8	85.9	85.9	86.3	86.6
GE 1500	60.5	70.3	76.3	79.0	83.0	84.3	85.3	86.1	86.5	86.8	87.1	87.1	87.3	87.3	87.7	88.0
GE 1200	60.9	70.6	76.7	79.5	83.5	84.8	85.8	86.7	87.0	87.3	87.6	87.6	87.8	87.8	88.3	88.5
GE 1000	61.0	70.9	77.0	79.9	84.2	85.5	86.5	87.3	87.6	88.0	88.3	88.3	88.5	88.5	88.9	89.1
GE 900	61.1	71.1	77.2	80.1	84.4	85.7	86.7	87.5	87.8	88.2	88.5	88.5	88.7	88.7	89.1	89.4
GE 800	61.3	71.4	77.6	80.5	85.1	86.3	87.3	88.3	88.6	88.9	89.2	89.2	89.5	89.5	89.9	90.1
GE 700	61.3	71.4	77.6	80.8	85.9	87.2	88.2	89.1	89.5	89.8	90.1	90.1	90.3	90.3	90.8	91.0
GE 600	61.3	71.4	77.7	80.9	86.2	87.5	88.6	89.8	90.1	90.4	90.8	90.8	91.0	91.0	91.4	91.6
GE 500	61.3	71.4	77.8	81.1	87.1	88.7	90.0	91.5	91.8	92.2	92.6	92.6	92.8	92.8	93.2	93.5
GE 400	61.4	71.6	78.3	81.7	88.1	89.7	91.2	92.8	93.4	93.8	94.2	94.2	94.4	94.4	94.8	95.5
GE 300	61.4	71.7	78.4	81.8	88.3	90.1	91.9	93.8	94.6	94.9	95.5	95.5	95.8	95.8	96.2	97.1
GE 200	61.4	71.7	78.5	81.9	88.4	90.4	92.4	94.3	95.4	95.9	97.0	97.1	97.4	97.4	97.8	98.9
GE 100	61.4	71.7	78.6	82.0	88.5	90.5	92.5	94.4	95.5	96.0	97.2	97.3	97.7	97.7	98.4	99.9
GE 000	61.4	71.7	78.6	82.0	88.5	90.5	92.5	94.4	95.5	96.0	97.2	97.3	97.7	97.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.9	48.4	50.3	51.2	51.8	51.8	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0
GE 20000	51.2	56.1	58.4	59.6	60.2	60.3	60.4	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8
GE 18000	51.3	56.2	58.5	59.7	60.3	60.4	60.5	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9
GE 16000	51.3	56.2	58.5	59.7	60.3	60.4	60.5	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9
GE 14000	51.5	56.5	58.8	60.0	60.6	60.8	60.9	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2
GE 12000	52.3	57.5	60.0	61.2	61.8	61.9	62.0	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4
GE 10000	54.8	61.2	64.2	65.5	66.2	66.3	66.5	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8
GE 9000	55.3	61.6	64.7	66.0	66.8	66.9	67.0	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3
GE 8000	58.8	65.6	68.8	70.2	71.3	71.4	71.5	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8
GE 7000	60.0	67.0	70.3	71.7	72.8	72.9	73.0	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3
GE 6000	60.3	67.3	70.6	72.0	73.1	73.2	73.3	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7
GE 5000	61.4	68.6	72.2	73.9	75.1	75.2	75.3	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6
GE 4500	63.0	70.5	74.4	76.2	77.4	77.5	77.7	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1
GE 4000	65.8	73.8	78.0	79.9	81.2	81.3	81.5	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8
GE 3500	66.5	74.5	78.8	80.8	82.2	82.3	82.5	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8
GE 3000	69.1	77.4	82.2	84.1	85.5	85.6	85.8	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1
GE 2500	69.4	77.6	82.5	84.4	86.0	86.2	86.5	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8
GE 2000	69.8	78.3	83.1	85.1	86.7	86.9	87.1	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4
GE 1800	70.1	78.7	83.5	85.5	87.1	87.3	87.5	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8
GE 1500	70.6	79.5	84.4	86.3	88.0	88.2	88.4	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7
GE 1200	71.0	79.9	84.9	86.9	88.5	88.7	88.9	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2
GE 1000	71.2	80.2	85.4	87.4	89.1	89.6	89.8	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1
GE 900	71.2	80.2	85.6	88.0	89.7	90.1	90.3	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6
GE 800	71.3	81.0	86.7	89.4	91.4	91.9	92.3	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6
GE 700	71.3	81.0	86.8	89.9	92.3	93.0	93.4	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9
GE 600	71.4	81.1	87.2	90.4	92.9	93.7	94.4	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9
GE 500	71.4	81.1	87.2	90.4	93.1	94.1	94.9	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0
GE 400	71.4	81.3	87.5	90.8	93.8	94.7	96.0	97.3	97.4	97.5	97.6	97.7	97.8	97.8	98.0	98.1
GE 300	71.4	81.4	87.6	90.9	94.0	94.9	96.3	97.7	98.0	98.3	98.4	98.5	98.8	98.8	98.9	99.0
GE 200	71.4	81.4	87.6	90.9	94.0	94.9	96.3	98.0	98.2	98.8	99.0	99.1	99.5	99.6	99.7	99.8
GE 100	71.4	81.4	87.6	90.9	94.0	94.9	96.3	98.0	98.2	98.8	99.1	99.2	99.7	99.8	99.9	100.0
GE 000	71.4	81.4	87.6	90.9	94.0	94.9	96.3	98.0	98.2	98.8	99.1	99.2	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.4	46.2	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 20000	52.8	55.3	56.7	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 18000	52.8	55.4	56.8	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 16000	52.8	55.4	56.8	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 14000	53.4	56.0	57.4	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 12000	54.0	56.6	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 10000	57.2	60.5	62.0	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 9000	57.3	60.8	62.3	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 8000	60.6	64.5	66.1	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 7000	61.5	65.4	67.0	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	61.7	65.6	67.2	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 5000	63.1	67.2	69.4	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4500	65.3	69.9	72.0	72.7	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 4000	70.8	76.1	78.3	79.0	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 3500	72.6	78.0	80.2	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3000	76.5	82.2	84.8	85.7	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2500	77.4	83.3	86.2	87.3	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2000	78.9	84.9	87.8	88.9	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	79.0	85.1	88.0	89.0	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	79.6	86.0	89.0	90.1	90.6	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	80.1	86.6	89.6	90.6	91.3	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1000	80.3	87.1	90.4	92.0	93.1	93.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 900	80.3	87.2	90.5	92.3	93.3	94.1	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 800	80.3	87.5	91.1	93.2	94.4	95.3	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	80.3	87.6	91.3	93.7	94.9	95.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	80.4	87.7	91.5	94.0	95.7	96.7	97.0	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	80.4	87.8	91.7	94.3	96.2	97.5	98.1	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	80.4	88.0	91.8	94.4	96.3	97.6	98.2	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	80.4	88.0	91.8	94.5	96.5	97.7	98.3	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	80.4	88.0	91.8	94.5	96.5	97.7	98.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.4	88.0	91.8	94.5	96.5	97.7	98.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	80.4	88.0	91.8	94.5	96.5	97.7	98.3	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.5	49.4	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 20000	57.8	60.2	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 18000	57.8	60.5	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 16000	57.8	60.5	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 14000	58.1	60.8	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 12000	59.0	61.7	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 10000	63.8	66.7	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 9000	64.2	67.2	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 8000	67.7	71.0	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 7000	68.9	72.2	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 6000	69.5	72.8	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 5000	71.1	74.7	76.9	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4500	73.5	77.6	79.8	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4000	77.2	81.4	83.5	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3500	78.2	82.5	84.6	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 3000	79.8	84.3	86.8	87.6	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2500	80.3	85.1	87.5	88.5	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2000	81.0	85.9	88.8	89.9	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
GE 1800	81.0	85.9	88.8	89.9	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
GE 1500	81.7	87.3	90.2	91.5	91.8	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
GE 1200	81.8	87.4	90.3	91.6	91.9	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5
GE 1000	82.0	87.8	90.9	92.5	92.8	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5
GE 900	82.3	88.1	91.2	92.8	93.1	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
GE 800	82.5	88.3	91.5	93.2	94.1	94.5	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 700	82.5	88.3	91.5	93.3	94.5	95.2	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 600	82.5	88.3	91.6	93.4	94.6	95.3	96.0	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5
GE 500	82.5	88.3	91.6	93.4	94.6	95.5	96.2	96.6	96.7	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 400	82.6	88.4	91.8	93.9	95.3	96.2	97.2	98.0	98.1	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 300	82.6	88.4	91.8	94.0	95.4	96.6	97.5	98.3	98.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	82.6	88.4	91.8	94.0	95.4	96.6	97.5	98.3	98.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	82.6	88.4	91.8	94.0	95.4	96.6	97.5	98.3	98.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	82.6	88.4	91.8	94.0	95.4	96.6	97.5	98.3	98.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.3	54.4	55.2	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 20000	59.6	62.2	63.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 18000	59.6	62.4	63.7	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 16000	59.6	62.4	63.7	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 14000	59.7	62.5	63.8	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 12000	60.6	63.4	64.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 10000	64.2	67.2	68.9	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	64.3	67.3	69.2	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000	67.6	70.8	72.7	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 7000	69.0	72.3	7.2	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 6000	69.8	73.2	75.2	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 5000	71.4	75.5	77.4	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 4500	72.8	77.1	79.0	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4000	76.1	80.5	82.7	84.2	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3500	78.0	82.5	84.7	86.2	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3000	79.8	84.5	87.1	88.6	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2500	80.5	85.3	88.0	89.9	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2000	80.9	85.6	88.4	90.3	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1800	81.1	85.8	88.6	90.5	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1500	81.3	86.6	89.4	91.3	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1200	81.4	86.8	89.6	91.7	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1000	81.4	86.9	89.8	92.0	93.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 900	81.4	86.9	89.8	92.0	93.3	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 800	81.5	87.0	90.0	92.4	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 700	81.6	87.1	90.1	92.7	94.5	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 600	81.7	87.2	90.2	93.0	94.9	95.3	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	81.7	87.2	90.2	93.1	95.2	95.5	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	81.7	87.4	90.6	93.5	95.7	96.0	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	81.7	87.4	90.6	93.8	95.9	96.2	97.5	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 200	81.7	87.4	90.6	93.8	95.9	96.2	97.6	98.2	98.3	98.5	98.6	98.6	98.8	98.8	98.9	98.9
GE 100	81.7	87.4	90.6	93.8	95.9	96.2	97.6	98.3	98.4	98.6	98.7	98.7	99.0	99.0	99.4	99.8
GE 000	81.7	87.4	90.6	93.8	95.9	96.2	97.6	98.3	98.4	98.6	98.7	98.7	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.0	56.8	59.0	59.5	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 20000	58.3	61.6	64.1	64.6	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	58.4	61.7	64.2	64.7	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 16000	58.4	61.7	64.2	64.7	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 14000	58.7	62.0	64.5	65.1	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	59.2	62.6	65.1	65.6	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 10000	62.0	65.7	68.3	68.8	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 9000	62.2	65.8	68.4	69.0	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 8000	65.3	68.9	71.6	72.4	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 7000	67.3	71.0	73.7	74.5	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 6000	68.0	71.6	74.3	75.2	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 5000	69.6	74.0	76.7	77.5	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4500	71.2	75.7	78.5	79.4	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4000	73.4	78.1	81.3	82.4	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3500	74.8	79.5	82.7	83.8	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3000	77.1	82.5	85.8	87.1	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	78.3	83.9	87.7	89.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2000	78.5	84.4	88.3	89.7	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1800	78.6	84.6	88.5	89.9	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1500	78.7	85.1	88.9	90.4	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	78.8	85.2	89.1	90.6	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1000	78.8	85.2	89.1	90.8	92.8	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 900	78.8	85.4	89.4	91.0	93.0	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 800	78.8	85.4	89.4	91.2	93.2	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
GE 700	78.9	85.5	89.5	91.6	94.3	94.9	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 600	79.1	85.8	89.8	92.0	94.8	95.5	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 500	79.1	85.8	90.0	92.4	95.2	95.8	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 400	79.1	85.9	90.3	92.8	95.7	96.3	96.8	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 300	79.1	85.9	90.3	92.9	95.9	96.7	97.1	97.4	97.5	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 200	79.1	85.9	90.3	92.9	95.9	96.8	97.2	97.6	97.7	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	79.1	85.9	90.3	92.9	95.9	96.8	97.3	97.8	98.0	98.7	99.1	99.1	99.5	99.5	99.5	99.6
GE 000	79.1	85.9	90.3	92.9	95.9	96.8	97.3	97.8	98.0	98.7	99.1	99.1	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 1/8
NO CEIL	47.0	50.7	52.5	53.4	54.2	54.4	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.9	54.9
GE 20000	53.0	57.5	59.7	60.6	61.5	61.8	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.4	62.4
GE 18000	53.1	57.6	59.8	60.7	61.6	61.9	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.5	62.5
GE 16000	53.1	57.6	59.8	60.7	61.6	61.9	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.5	62.5
GE 14000	53.3	57.8	60.0	61.0	61.9	62.2	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7
GE 12000	54.0	58.6	60.8	61.8	62.7	63.0	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.6	63.6
GE 10000	57.4	62.6	64.9	66.0	67.0	67.3	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.9
GE 9000	57.7	62.9	65.3	66.4	67.4	67.7	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.3	68.3
GE 8000	61.2	66.6	69.2	70.6	71.7	72.1	72.3	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.7	72.7
GE 7000	62.5	68.0	70.7	72.0	73.2	73.5	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.2	74.2
GE 6000	63.0	68.5	71.2	72.5	73.7	74.1	74.4	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8
GE 5000	64.5	70.5	73.4	74.8	76.0	76.4	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.1	77.1
GE 4500	66.1	72.4	75.3	76.8	78.1	78.4	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.2
GE 4000	69.0	75.5	78.6	80.2	81.5	81.8	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.6	82.6
GE 3500	70.4	77.0	80.3	81.8	83.2	83.5	83.8	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.3	84.3
GE 3000	72.4	79.4	82.9	84.6	86.0	86.4	86.7	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.2	87.2
GE 2500	73.1	80.2	83.8	85.7	87.2	87.6	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.5	88.5
GE 2000	73.7	81.0	84.7	86.6	88.2	88.7	89.0	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.6
GE 1800	73.8	81.1	84.9	86.8	88.4	88.9	89.3	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.8	89.8
GE 1500	74.2	81.9	85.8	87.7	89.4	90.0	90.3	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.9	90.9
GE 1200	74.4	82.1	86.0	88.0	89.8	90.3	90.7	90.9	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.3
GE 1000	74.5	82.3	86.4	88.6	90.4	91.1	91.5	91.7	91.8	91.9	91.9	91.9	92.0	92.0	92.1	92.1
GE 900	74.5	82.4	86.5	88.8	90.6	91.3	91.7	91.9	92.0	92.1	92.1	92.2	92.2	92.2	92.3	92.3
GE 800	74.6	82.6	86.9	89.3	91.4	92.1	92.6	92.9	93.0	93.0	93.1	93.1	93.2	93.2	93.2	93.3
GE 700	74.7	82.7	87.0	89.6	92.1	92.8	93.4	93.7	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.1
GE 600	74.7	82.8	87.1	89.9	92.5	93.3	94.0	94.4	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.8
GE 500	74.7	82.8	87.2	90.1	92.9	93.9	94.7	95.3	95.4	95.5	95.6	95.6	95.7	95.7	95.8	95.8
GE 400	74.7	83.0	87.6	90.5	93.6	94.7	95.7	96.5	96.6	96.9	97.0	97.0	97.1	97.1	97.2	97.3
GE 300	74.7	83.0	87.6	90.7	93.8	95.0	96.2	97.1	97.4	97.7	97.9	97.9	98.0	98.0	98.1	98.3
GE 200	74.7	83.0	87.6	90.7	93.9	95.2	96.3	97.4	97.7	98.3	98.5	98.5	98.8	98.8	98.9	99.2
GE 100	74.7	83.0	87.7	90.8	93.9	95.2	96.5	97.6	97.9	98.4	98.8	98.8	99.1	99.2	99.4	99.9
GE 000	74.7	83.0	87.7	90.8	93.9	95.2	96.5	97.6	97.9	98.4	98.8	98.8	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.2	56.4	57.8	58.2	58.6	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2
GE 20000	57.6	59.8	61.2	61.7	62.1	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8
GE 18000	57.6	59.8	61.2	61.7	62.1	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8
GE 16000	57.6	59.8	61.2	61.7	62.1	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8
GE 14000	57.8	60.0	61.4	61.9	62.3	62.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2
GE 12000	59.2	61.4	62.9	63.3	63.8	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7
GE 10000	61.7	64.0	65.6	66.3	66.9	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8
GE 9000	61.8	64.1	65.7	66.4	67.0	67.2	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9
GE 8000	64.9	67.4	69.0	69.9	70.6	70.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4
GE 7000	66.8	69.4	71.0	71.9	72.6	72.8	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.6
GE 6000	67.3	70.1	71.7	72.6	73.2	73.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.2
GE 5000	69.0	72.0	73.7	74.6	75.3	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.4
GE 4500	69.9	73.1	74.9	75.9	76.7	77.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.8
GE 4000	71.6	74.9	76.8	77.8	78.6	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.7
GE 3500	73.8	77.2	79.2	80.3	81.2	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.3
GE 3000	76.1	79.8	81.9	83.1	84.1	84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.2
GE 2500	77.1	80.9	83.2	84.4	85.4	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.6
GE 2000	77.8	81.7	84.1	85.4	86.6	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.7
GE 1800	78.1	82.0	84.6	85.9	87.0	87.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.1
GE 1500	78.7	82.7	85.4	87.0	88.2	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.7
GE 1200	79.2	83.2	86.0	87.9	89.4	90.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	91.0
GE 1000	79.7	83.8	86.7	88.8	90.3	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.9
GE 900	79.8	83.9	86.8	88.9	90.4	91.1	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.1
GE 800	80.2	84.3	87.2	89.3	91.1	91.8	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.8
GE 700	80.4	84.6	87.4	89.8	91.6	92.2	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.2
GE 600	80.4	84.8	87.7	90.0	91.9	92.6	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.6
GE 500	80.7	85.2	88.4	91.0	93.3	94.0	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.2
GE 400	80.8	85.4	88.8	91.6	94.6	95.4	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.2
GE 300	80.8	85.4	88.9	91.7	94.9	96.0	97.6	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.7
GE 200	80.8	85.4	88.9	91.7	94.9	96.3	97.9	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.4	99.6
GE 100	80.8	85.4	88.9	91.7	94.9	96.3	97.9	98.9	99.1	99.2	99.2	99.2	99.3	99.4	99.6	99.7
GE 000	80.8	85.4	88.9	91.7	94.9	96.3	97.9	98.9	99.1	99.2	99.2	99.2	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.2	51.0	52.9	54.0	55.0	55.3	55.3	55.6	5.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 20000	52.3	56.7	58.6	59.9	60.9	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 18000	52.3	56.7	58.6	59.9	60.9	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 16000	52.3	56.7	58.6	59.9	60.9	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 14000	52.3	56.7	58.6	59.9	60.9	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 12000	53.1	57.6	59.4	60.8	61.8	62.1	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 10000	55.9	60.8	62.8	64.2	65.2	65.6	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 9000	55.9	60.8	62.8	64.2	65.2	65.6	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 8000	58.3	63.3	65.6	67.0	68.0	68.3	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 7000	59.7	64.7	66.9	68.3	69.3	69.7	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 6000	60.3	65.3	67.6	69.0	70.0	70.3	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 5000	62.3	67.7	70.0	71.6	72.6	72.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 4500	64.7	70.1	72.4	74.0	75.0	75.4	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4000	66.3	72.0	74.6	76.1	77.1	77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3500	68.2	73.9	76.8	78.3	79.3	79.9	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3000	70.8	76.7	79.6	81.1	82.1	82.9	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 2500	71.8	78.0	80.9	82.6	83.6	84.4	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 2000	72.3	78.7	81.6	83.2	84.3	85.3	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1800	72.3	78.7	81.6	83.2	84.4	85.4	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1500	73.4	80.2	83.2	85.0	86.3	87.4	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1200	73.9	80.7	83.7	85.6	87.0	88.1	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1000	74.2	81.0	84.1	86.2	87.7	88.8	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 900	74.2	81.0	84.1	86.2	87.8	88.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 800	74.6	81.6	84.8	87.1	88.7	89.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	74.9	81.9	85.1	87.4	89.3	90.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 600	74.9	82.0	85.2	87.6	89.4	90.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 500	75.2	82.6	86.1	88.8	91.3	92.9	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 400	75.3	82.7	86.4	89.3	92.2	94.0	95.4	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3
GE 300	75.4	82.8	86.6	89.6	92.9	94.7	96.4	97.1	97.3	97.4	97.4	97.7	97.8	97.8	97.8	97.8
GE 200	75.4	82.9	86.7	89.7	93.1	95.1	97.3	98.1	98.7	98.9	98.9	99.1	99.2	99.2	99.3	99.6
GE 100	75.4	82.9	86.7	89.7	93.1	95.1	97.3	98.1	98.7	98.9	98.9	99.1	99.3	99.3	99.6	99.8
GE 000	75.4	82.9	86.7	89.7	93.1	95.1	97.3	98.1	98.7	98.9	98.9	99.1	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.0	39.1	41.8	42.8	44.1	44.3	44.8	44.9	44.9	45.0	45.0	45.0	45.1	45.1	45.3	45.4
GE 20000	41.6	46.8	50.0	51.4	52.8	53.0	53.4	53.6	53.6	53.7	53.7	53.7	53.8	53.8	54.0	54.4
GE 18000	41.6	46.8	50.0	51.4	52.8	53.0	53.4	53.6	53.6	53.7	53.7	53.7	53.8	53.8	54.0	54.4
GE 16000	41.6	46.8	50.0	51.4	52.8	53.0	53.4	53.6	53.6	53.7	53.7	53.7	53.8	53.8	54.0	54.4
GE 14000	41.8	47.0	50.2	51.7	53.0	53.2	53.7	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.2	54.7
GE 12000	43.3	48.6	52.0	53.4	55.0	55.2	55.8	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.3	56.8
GE 10000	46.4	51.8	55.4	57.1	58.8	59.0	59.6	59.7	59.7	59.8	59.8	59.8	59.9	59.9	60.1	60.6
GE 9000	46.7	52.1	55.8	57.4	59.1	59.3	59.9	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.4	60.9
GE 8000	49.3	54.8	58.6	60.3	62.2	62.4	63.2	63.4	63.4	63.6	63.6	63.6	63.7	63.7	63.9	64.3
GE 7000	49.9	55.7	59.4	61.2	63.1	63.3	64.1	64.3	64.3	64.4	64.4	64.4	64.6	64.6	64.8	65.2
GE 6000	50.0	55.8	59.6	61.3	63.2	63.4	64.2	64.4	64.4	64.6	64.6	64.6	64.7	64.7	64.9	65.3
GE 5000	52.1	58.0	62.0	64.1	66.1	66.3	67.1	67.3	67.3	67.6	67.6	67.6	67.8	67.8	68.0	68.4
GE 4500	55.1	61.1	65.4	67.6	69.6	69.8	70.6	70.8	70.8	71.0	71.0	71.0	71.2	71.2	71.4	71.9
GE 4000	57.3	63.4	68.0	70.1	72.6	72.8	73.6	73.9	73.9	74.1	74.1	74.1	74.3	74.3	74.6	75.0
GE 3500	60.1	66.2	71.0	73.1	75.6	75.8	76.7	77.0	77.0	77.2	77.2	77.2	77.4	77.4	77.7	78.1
GE 3000	62.3	68.8	73.6	75.8	78.2	78.6	79.4	79.8	79.8	80.0	80.0	80.0	80.2	80.2	80.4	80.9
GE 2500	62.8	69.4	74.3	76.6	79.2	79.7	80.7	81.1	81.1	81.3	81.3	81.3	81.6	81.6	81.8	82.2
GE 2000	63.9	70.7	75.6	78.1	80.9	81.4	82.6	83.0	83.1	83.3	83.4	83.4	83.7	83.7	83.9	84.3
GE 1800	63.9	70.7	75.7	78.2	81.0	81.6	82.7	83.1	83.2	83.4	83.6	83.6	83.8	83.8	84.0	84.4
GE 1500	64.7	71.7	76.7	79.2	82.0	82.7	83.9	84.3	84.4	84.7	84.8	84.8	85.0	85.0	85.2	85.7
GE 1200	65.0	72.1	77.1	79.9	82.8	83.4	84.7	85.1	85.2	85.4	85.6	85.6	85.8	85.8	86.0	86.4
GE 1000	65.2	72.3	77.3	80.2	83.1	83.8	85.1	85.6	85.7	85.9	86.0	86.0	86.2	86.2	86.4	86.9
GE 900	65.3	72.4	77.4	80.3	83.2	83.9	85.3	85.8	85.9	86.1	86.2	86.2	86.4	86.4	86.7	87.1
GE 800	65.6	73.1	78.2	81.4	84.3	85.2	86.8	87.6	87.8	88.0	88.1	88.1	88.3	88.3	88.6	89.0
GE 700	66.0	73.7	79.2	82.4	85.8	86.7	88.3	89.1	89.3	89.6	89.7	89.7	89.9	89.9	90.1	90.6
GE 600	66.1	73.9	79.6	83.0	86.9	87.8	89.6	90.3	90.6	90.8	90.9	90.9	91.1	91.1	91.3	91.8
GE 500	66.2	74.1	79.9	83.4	87.8	89.1	91.2	92.3	92.6	92.8	92.9	92.9	93.1	93.1	93.3	93.8
GE 400	66.3	74.2	80.1	83.8	88.8	90.3	92.8	93.9	94.1	94.3	94.7	94.7	95.0	95.0	95.2	95.7
GE 300	66.3	74.2	80.1	84.0	89.2	90.8	93.3	94.7	94.9	95.2	95.7	95.7	96.0	96.0	96.3	96.8
GE 200	66.3	74.2	80.1	84.0	89.2	90.8	93.6	95.1	95.7	96.1	96.6	96.6	97.3	97.3	97.8	98.8
GE 100	66.3	74.2	80.1	84.0	89.2	90.8	93.6	95.2	95.8	96.2	96.9	96.9	98.0	98.0	98.4	99.8
GE 000	66.3	74.2	80.1	84.0	89.2	90.8	93.6	95.2	95.8	96.2	96.9	96.9	98.0	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4
NO CEIL	40.6	44.2	45.8	46.3	46.4	46.7	46.7	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0
GE 20000	46.3	50.9	52.8	53.4	53.8	54.0	54.0	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.4
GE 18000	46.6	51.1	53.0	53.7	54.0	54.2	54.2	54.4	54.4	54.6	54.6	54.6	54.7	54.7	54.7
GE 16000	46.6	51.1	53.0	53.7	54.0	54.2	54.2	54.4	54.4	54.6	54.6	54.6	54.7	54.7	54.7
GE 14000	46.9	51.6	53.4	54.1	54.4	54.7	54.7	54.9	54.9	55.0	55.0	55.0	55.1	55.1	55.1
GE 12000	48.1	53.1	55.6	56.2	56.6	56.8	56.8	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.2
GE 10000	52.0	57.6	60.0	60.7	61.0	61.2	61.2	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7
GE 9000	52.4	58.0	60.4	61.1	61.4	61.7	61.7	61.9	61.9	62.0	62.0	62.0	62.1	62.1	62.1
GE 8000	56.2	62.0	64.6	65.2	65.6	66.0	66.1	66.3	66.3	66.4	66.4	66.4	66.6	66.6	66.6
GE 7000	56.9	63.0	65.6	66.2	66.6	67.0	67.1	67.3	67.3	67.4	67.4	67.4	67.6	67.6	67.6
GE 6000	57.1	63.2	65.8	66.4	66.8	67.2	67.3	67.7	67.7	67.8	67.8	67.8	67.9	67.9	67.9
GE 5000	58.7	65.1	68.0	69.1	69.4	69.9	70.0	70.3	70.3	70.4	70.4	70.4	70.6	70.6	70.6
GE 4500	61.0	67.9	71.0	72.1	72.6	73.2	73.3	73.7	73.7	73.8	73.8	73.8	73.9	73.9	73.9
GE 4000	63.1	70.6	73.8	75.0	75.6	76.2	76.3	76.7	76.7	76.8	76.8	76.8	76.9	76.9	76.9
GE 3500	63.8	71.2	74.7	75.9	76.7	77.3	77.6	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.1
GE 3000	67.0	74.9	78.3	79.6	80.3	81.0	81.2	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.8
GE 2500	67.7	75.7	79.7	80.9	81.8	82.4	82.7	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2
GE 2000	68.4	76.4	80.6	81.8	82.8	83.4	83.7	84.0	84.0	84.2	84.2	84.2	84.3	84.3	84.3
GE 1800	68.7	76.7	80.8	82.0	83.0	83.7	83.9	84.2	84.2	84.4	84.4	84.4	84.6	84.6	84.6
GE 1500	69.6	78.0	82.3	83.7	84.7	85.3	85.6	85.9	85.9	86.1	86.1	86.1	86.2	86.2	86.2
GE 1200	70.3	79.1	83.4	84.9	85.9	86.6	86.8	87.1	87.1	87.3	87.3	87.3	87.4	87.4	87.4
GE 1000	70.7	79.9	84.2	85.8	86.9	87.6	87.8	88.1	88.1	88.3	88.3	88.3	88.4	88.4	88.4
GE 900	70.7	79.9	84.2	85.8	86.9	87.6	87.8	88.1	88.1	88.3	88.3	88.3	88.4	88.4	88.4
GE 800	71.1	80.4	85.0	86.7	87.9	88.6	88.8	89.2	89.3	89.6	89.6	89.6	89.7	89.7	89.7
GE 700	71.2	80.6	85.1	86.8	88.1	88.8	89.1	89.7	89.9	90.1	90.1	90.1	90.2	90.2	90.2
GE 600	71.2	80.7	85.3	87.0	88.4	89.1	89.7	90.3	90.6	90.8	90.8	90.8	90.9	90.9	90.9
GE 500	71.2	80.8	85.7	87.6	89.3	90.6	91.8	92.6	92.9	93.1	93.2	93.2	93.3	93.3	93.4
GE 400	71.2	80.8	85.8	87.9	90.0	92.0	93.8	94.8	95.1	95.3	95.6	95.6	95.9	95.9	96.1
GE 300	71.2	80.8	85.8	87.9	90.1	92.1	94.0	95.3	95.9	96.7	96.9	96.9	97.2	97.2	97.6
GE 200	71.2	80.8	85.8	87.9	90.1	92.3	94.2	95.7	96.7	97.8	98.1	98.1	98.8	98.8	99.3
GE 100	71.2	80.8	85.8	87.9	90.1	92.3	94.3	95.8	96.8	97.9	98.2	98.2	99.1	99.1	99.7
GE 000	71.2	80.8	85.8	87.9	90.1	92.3	94.3	95.8	96.8	97.9	98.2	98.2	99.1	99.1	99.7

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.9	46.1	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 20000	53.1	55.8	56.2	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 18000	53.6	56.2	56.7	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 16000	53.6	56.2	56.7	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 14000	53.7	56.3	56.8	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 12000	54.6	57.4	57.9	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 10000	58.0	61.1	61.6	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 9000	58.3	61.4	61.9	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 8000	62.7	65.8	66.2	66.6	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 7000	63.7	67.0	67.4	67.8	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000	63.8	67.1	67.6	67.9	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 5000	67.1	71.1	71.6	72.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4500	69.3	73.3	73.9	74.7	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	74.0	78.2	78.8	79.6	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 3500	74.8	79.0	79.6	80.6	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 3000	77.2	81.8	82.4	83.4	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 2500	77.9	82.4	83.4	84.6	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	78.9	83.4	84.6	85.7	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	79.2	84.0	85.1	86.2	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1500	80.1	85.3	86.4	87.6	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1200	80.6	85.9	87.2	88.4	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1000	80.6	85.9	87.3	88.6	89.2	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 900	80.6	85.9	87.3	88.6	89.3	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 800	80.7	86.3	88.2	89.4	90.4	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	80.7	86.4	88.3	89.7	90.7	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 600	80.7	86.6	88.8	90.2	91.6	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
GE 500	81.0	86.9	89.1	90.6	92.3	93.4	94.0	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.7	94.7
GE 400	81.0	86.9	89.1	90.7	92.7	94.0	95.2	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.4	96.4
GE 300	81.0	86.9	89.2	90.8	92.8	94.1	95.7	97.2	97.7	98.0	98.3	98.4	98.6	98.7	98.8	98.9
GE 200	81.0	86.9	89.2	90.8	92.8	94.1	95.7	97.6	98.0	98.6	99.1	99.2	99.3	99.4	99.8	99.9
GE 100	81.0	86.9	89.2	90.8	92.8	94.1	95.7	97.6	98.0	98.6	99.1	99.2	99.3	99.4	99.9	100.0
GE 000	81.0	86.9	89.2	90.8	92.8	94.1	95.7	97.6	98.0	98.6	99.1	99.2	99.3	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4
NO CEIL	45.4	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 20000	55.1	56.6	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 18000	55.3	56.8	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 16000	55.3	56.8	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 14000	56.0	57.4	57.7	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 12000	57.8	59.4	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 10000	61.1	63.1	63.6	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 9000	61.2	63.2	63.7	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 8000	64.4	66.4	67.1	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 7000	65.9	68.2	68.9	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 6000	66.1	68.4	69.1	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 5000	67.2	70.1	70.8	71.2	71.3	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4500	70.4	73.3	74.1	74.6	74.8	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 4000	74.9	78.1	79.0	79.4	79.8	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 3500	76.3	80.0	80.9	81.3	81.7	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 3000	78.3	82.1	83.3	83.8	84.1	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2500	79.0	83.1	84.3	85.0	85.8	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 2000	80.1	84.3	85.6	86.2	87.0	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1800	80.3	84.6	85.8	86.4	87.2	87.3	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1500	80.9	85.2	86.7	87.4	88.2	88.3	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0
GE 1200	81.0	85.6	87.1	88.0	89.2	89.3	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	81.1	85.8	87.4	88.4	89.7	89.9	90.2	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6
GE 900	81.2	85.9	87.6	88.6	89.8	90.0	90.3	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7
GE 800	81.9	86.6	88.2	89.3	90.7	90.9	91.3	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8
GE 700	81.9	86.6	88.6	89.8	91.2	91.7	92.2	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0
GE 600	81.9	86.6	88.6	89.9	91.4	92.0	92.7	93.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7
GE 500	82.0	86.7	88.8	90.2	91.9	92.6	93.4	94.0	94.2	94.7	94.8	94.8	94.8	94.8	94.8
GE 400	82.0	86.7	89.0	90.4	92.3	93.3	94.6	95.4	95.8	96.4	96.7	96.7	96.7	96.8	96.8
GE 300	82.0	86.7	89.0	90.4	92.4	93.8	95.1	96.0	96.3	97.2	97.6	97.6	97.8	97.9	98.1
GE 200	82.0	86.7	89.0	90.4	92.4	93.8	95.2	96.3	97.0	98.6	99.0	99.0	99.2	99.3	99.6
GE 100	82.0	86.7	89.0	90.4	92.4	93.8	95.2	96.3	97.1	98.7	99.1	99.1	99.4	99.7	99.9
GE 000	82.0	86.7	89.0	90.4	92.4	93.8	95.2	96.3	97.1	98.7	99.1	99.1	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.6	50.8	51.0	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 20000	56.7	58.2	58.8	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	56.7	58.2	58.8	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 16000	56.7	58.2	58.8	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 14000	57.7	59.2	59.8	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 12000	59.8	61.4	62.2	62.3	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 10000	64.0	65.7	66.7	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 9000	64.3	66.0	67.0	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 8000	68.1	69.8	70.9	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 7000	69.7	71.6	72.8	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 6000	69.8	71.7	72.9	73.2	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 5000	70.9	72.8	74.0	74.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4500	74.7	76.7	77.9	78.2	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4000	77.7	80.0	81.4	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 3500	78.7	81.2	82.7	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	80.2	83.0	84.4	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2500	80.9	83.8	85.4	86.1	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2000	81.3	84.6	86.2	86.9	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1800	81.4	84.8	86.4	87.1	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1500	82.3	86.0	87.9	88.6	89.0	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	82.3	86.1	88.0	88.7	89.1	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	82.8	86.9	89.1	89.8	90.3	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	82.8	87.0	89.4	90.1	90.7	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 800	83.0	87.4	90.0	90.7	91.3	91.9	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 700	83.0	87.6	90.1	90.8	91.8	92.3	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 600	83.2	87.8	90.3	91.2	92.3	93.1	93.8	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 500	83.2	87.9	90.4	91.3	92.9	93.9	94.7	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 400	83.2	87.9	90.6	91.8	93.8	94.9	96.1	96.8	97.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4
GE 300	83.2	88.2	90.9	92.3	94.4	95.7	96.9	97.9	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7
GE 200	83.2	88.2	90.9	92.3	94.4	95.7	97.2	98.2	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.3
GE 100	83.2	88.2	90.9	92.3	94.4	95.7	97.2	98.2	98.7	99.0	99.4	99.4	99.4	99.4	99.8	100.0
GE 000	83.2	88.2	90.9	92.3	94.4	95.7	97.2	98.2	98.7	99.0	99.4	99.4	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.0	56.6	57.0	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 20000	59.6	61.2	61.7	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 18000	59.6	61.2	61.7	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 16000	59.6	61.2	61.7	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 14000	60.1	61.8	62.2	62.7	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 12000	62.0	63.8	64.2	64.7	64.9	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 10000	65.1	66.9	67.6	68.0	68.2	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 9000	65.2	67.0	67.7	68.1	68.3	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 8000	69.2	71.1	71.9	72.4	72.7	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 7000	72.1	74.0	74.8	75.3	75.6	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 6000	72.3	74.2	75.0	75.6	75.8	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 5000	73.1	75.2	76.1	76.7	76.9	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4500	74.8	77.0	78.0	78.6	78.8	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 4000	76.7	79.0	80.1	80.7	80.9	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3500	78.3	80.7	82.0	82.8	83.0	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 3000	79.7	82.1	83.4	84.3	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2500	80.7	83.2	84.8	85.7	85.9	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 2000	81.4	84.3	86.2	87.3	87.6	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	81.9	84.8	86.8	87.9	88.1	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1500	82.2	85.2	87.7	88.9	89.1	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1200	82.6	85.6	88.0	89.3	89.6	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1000	82.6	85.7	88.1	89.6	89.8	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 900	82.8	86.0	88.4	90.0	90.2	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	82.9	86.7	89.1	90.8	91.3	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 700	83.0	86.8	89.4	91.1	91.8	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 600	83.0	86.9	89.8	91.7	92.4	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 500	83.1	87.4	90.3	92.4	93.3	94.3	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 400	83.1	87.7	90.6	93.0	94.6	96.2	97.1	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 300	83.1	87.7	90.6	93.0	94.6	96.3	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	83.1	87.7	90.6	93.0	94.6	96.3	97.7	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 100	83.1	87.7	90.6	93.0	94.6	96.3	97.7	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 000	83.1	87.7	90.6	93.0	94.6	96.3	97.7	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.4	48.8	49.9	50.4	50.8	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2
GE 20000	52.8	55.7	57.0	57.6	58.1	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.6
GE 18000	52.9	55.8	57.1	57.7	58.2	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.7
GE 16000	52.9	55.8	57.1	57.7	58.2	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.7
GE 14000	53.3	56.3	57.5	58.1	58.6	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.2
GE 12000	54.7	57.8	59.3	59.9	60.4	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0
GE 10000	58.0	61.4	62.9	63.6	64.1	64.3	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.8
GE 9000	58.2	61.6	63.1	63.8	64.4	64.6	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.0
GE 8000	61.7	65.1	66.7	67.5	68.1	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8
GE 7000	63.1	66.7	68.3	69.1	69.7	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.5
GE 6000	63.3	67.0	68.6	69.4	70.0	70.3	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.8
GE 5000	65.1	69.0	70.8	71.7	72.3	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.2
GE 4500	67.5	71.6	73.5	74.4	75.1	75.4	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
GE 4000	70.2	74.5	76.6	77.6	78.3	78.6	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2
GE 3500	71.8	76.2	78.3	79.4	80.2	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.2
GE 3000	74.0	78.6	80.9	82.0	82.8	83.2	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.8	83.8
GE 2500	74.7	79.6	82.0	83.2	84.1	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.3
GE 2000	75.5	80.5	83.0	84.3	85.3	85.8	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.5	86.5
GE 1800	75.7	80.8	83.3	84.6	85.6	86.1	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8
GE 1500	76.5	81.8	84.5	85.9	86.9	87.5	88.0	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.4
GE 1200	76.9	82.3	85.1	86.6	87.8	88.3	88.8	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.3
GE 1000	77.1	82.7	85.5	87.2	88.4	89.0	89.5	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	90.0
GE 900	77.2	82.8	85.7	87.3	88.5	89.2	89.7	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.2
GE 800	77.5	83.3	86.3	88.1	89.5	90.1	90.7	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.3
GE 700	77.6	83.5	86.7	88.5	90.0	90.8	91.4	91.7	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0
GE 600	77.7	83.6	86.9	88.8	90.6	91.4	92.1	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.8	92.8
GE 500	77.8	83.9	87.3	89.4	91.5	92.6	93.6	94.1	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.6
GE 400	77.9	84.0	87.5	89.8	92.4	93.8	95.2	96.0	96.2	96.3	96.5	96.5	96.6	96.6	96.7	96.8
GE 300	77.9	84.1	87.6	90.0	92.7	94.2	95.8	96.9	97.2	97.5	97.8	97.8	97.9	98.0	98.1	98.2
GE 200	77.9	84.1	87.6	90.0	92.7	94.3	96.1	97.4	97.9	98.4	98.7	98.8	99.0	99.1	99.3	99.5
GE 100	77.9	84.1	87.6	90.0	92.7	94.3	96.1	97.4	97.9	98.5	98.8	98.8	99.2	99.3	99.5	99.9
GE 000	77.9	84.1	87.6	90.0	92.7	94.3	96.1	97.4	97.9	98.5	98.8	98.8	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NMNR: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.8	51.4	51.7	51.9	52.0	52.0	52.0	52.2	52.2	52.3	52.4	52.4	52.5	52.5	52.6	52.8
GE 20000	54.9	55.6	55.9	56.2	56.3	56.3	56.3	56.5	56.5	56.6	56.7	56.7	56.8	56.8	56.9	57.1
GE 18000	55.1	55.7	56.0	56.3	56.5	56.5	56.5	56.6	56.6	56.7	56.8	56.8	56.9	56.9	57.0	57.2
GE 16000	55.1	55.7	56.0	56.3	56.5	56.5	56.5	56.6	56.6	56.7	56.8	56.8	56.9	56.9	57.0	57.2
GE 14000	55.2	55.8	56.1	56.5	56.6	56.6	56.6	56.7	56.7	56.8	56.9	56.9	57.0	57.0	57.1	57.3
GE 12000	56.6	57.2	57.5	57.8	58.0	58.0	58.0	58.1	58.1	58.2	58.3	58.3	58.4	58.4	58.5	58.7
GE 10000	60.6	61.7	62.5	62.8	62.9	62.9	62.9	63.0	63.0	63.1	63.2	63.2	63.3	63.3	63.4	63.7
GE 9000	61.0	62.0	62.8	63.1	63.2	63.2	63.2	63.3	63.3	63.4	63.5	63.5	63.7	63.7	63.8	64.0
GE 8000	67.0	68.1	68.9	69.2	69.6	69.6	69.7	69.8	69.8	69.9	70.1	70.2	70.3	70.3	70.4	70.6
GE 7000	68.5	69.6	70.4	70.8	71.1	71.1	71.2	71.3	71.3	71.4	71.6	71.7	71.8	71.8	71.9	72.2
GE 6000	69.9	71.1	71.9	72.3	72.6	72.6	72.7	72.8	72.8	72.9	73.1	73.2	73.3	73.3	73.4	73.7
GE 5000	72.2	73.4	74.4	74.7	75.1	75.1	75.2	75.3	75.3	75.4	75.6	75.7	75.8	75.8	75.9	76.1
GE 4500	74.4	76.0	77.3	77.6	78.0	78.0	78.1	78.2	78.2	78.3	78.5	78.6	78.7	78.7	78.8	79.0
GE 4000	76.3	78.1	79.6	79.9	80.3	80.3	80.4	80.5	80.5	80.6	80.9	81.0	81.1	81.1	81.2	81.4
GE 3500	78.6	80.5	82.2	82.7	83.1	83.1	83.2	83.3	83.3	83.4	83.7	83.8	83.9	83.9	84.0	84.2
GE 3000	80.4	82.5	84.2	84.9	85.4	85.4	85.5	85.6	85.6	85.7	85.9	86.0	86.1	86.1	86.2	86.5
GE 2500	81.1	83.1	84.9	85.9	86.3	86.5	86.6	86.7	86.7	86.8	87.0	87.1	87.2	87.2	87.3	87.5
GE 2000	82.4	84.5	86.3	87.4	87.8	88.0	88.1	88.2	88.2	88.3	88.5	88.6	88.7	88.7	88.8	89.0
GE 1800	82.4	84.5	86.5	87.6	88.1	88.2	88.3	88.4	88.4	88.5	88.7	88.8	88.9	88.9	89.0	89.2
GE 1500	82.7	84.9	86.9	88.3	88.8	88.9	89.0	89.1	89.1	89.2	89.5	89.6	89.7	89.7	89.8	90.0
GE 1200	82.8	85.1	87.0	88.5	89.0	89.1	89.2	89.4	89.4	89.5	89.7	89.8	89.9	89.9	90.0	90.2
GE 1000	83.1	85.4	87.5	89.0	89.7	89.9	90.0	90.1	90.1	90.2	90.4	90.5	90.6	90.6	90.8	91.0
GE 900	83.4	85.7	87.8	89.4	90.0	90.2	90.3	90.4	90.4	90.5	90.8	90.9	91.0	91.0	91.1	91.3
GE 800	83.5	85.8	88.0	89.5	90.3	90.5	90.6	90.8	90.8	90.9	91.1	91.2	91.3	91.3	91.4	91.6
GE 700	83.9	86.2	88.5	90.0	90.9	91.1	91.2	91.3	91.3	91.4	91.6	91.7	91.8	91.8	91.9	92.2
GE 600	84.1	86.5	88.7	90.4	91.7	92.0	92.2	92.3	92.3	92.4	92.9	93.0	93.1	93.1	93.2	93.4
GE 500	84.2	86.6	89.0	90.8	92.3	92.6	92.7	93.0	93.0	93.4	94.0	94.1	94.2	94.2	94.3	94.5
GE 400	84.2	86.6	89.0	90.9	92.7	93.3	93.5	94.0	94.0	94.4	94.9	95.1	95.2	95.2	95.3	95.5
GE 300	84.2	86.6	89.0	91.0	92.8	93.5	94.0	94.6	94.6	95.1	95.7	95.8	96.0	96.0	96.1	96.3
GE 200	84.2	86.6	89.0	91.4	93.3	94.2	94.7	95.8	96.1	96.7	97.5	97.7	98.0	98.1	98.3	98.5
GE 100	84.2	86.6	89.0	91.4	93.3	94.2	94.7	95.8	96.1	96.8	97.8	98.1	98.3	98.4	98.9	100.0
GE 000	84.2	86.6	89.0	91.4	93.3	94.2	94.7	95.8	96.1	96.8	97.8	98.1	98.3	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.8	50.1	51.0	51.1	51.2	51.4	51.5	51.5	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.8
GE 20000	52.5	53.8	54.6	54.7	54.8	55.1	55.2	55.2	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.5
GE 18000	52.5	53.8	54.6	54.7	54.8	55.1	55.2	55.2	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.5
GE 16000	52.5	53.8	54.6	54.7	54.8	55.1	55.2	55.2	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.5
GE 14000	52.7	54.0	54.8	54.9	55.1	55.3	55.4	55.4	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.7
GE 12000	54.0	55.3	56.1	56.2	56.3	56.6	56.7	56.7	56.7	56.8	56.9	56.9	56.9	56.9	56.9	57.0
GE 10000	58.7	60.1	61.0	61.4	61.5	61.7	61.8	61.8	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.2
GE 9000	59.2	60.6	61.5	61.9	62.0	62.3	62.4	62.4	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.7
GE 8000	65.4	66.8	67.8	68.4	68.7	68.9	69.0	69.0	69.0	69.2	69.4	69.4	69.4	69.4	69.5	69.6
GE 7000	67.1	68.5	69.8	70.3	70.6	70.9	71.0	71.0	71.0	71.2	71.3	71.3	71.3	71.3	71.4	71.5
GE 6000	67.7	69.1	70.4	71.0	71.3	71.5	71.6	71.6	71.6	71.8	71.9	71.9	71.9	71.9	72.0	72.2
GE 5000	70.0	71.4	72.8	73.3	73.7	73.9	74.0	74.0	74.0	74.2	74.3	74.3	74.3	74.3	74.4	74.5
GE 4500	71.8	73.4	74.9	75.6	76.0	76.2	76.3	76.3	76.3	76.6	76.7	76.7	76.7	76.7	76.8	76.9
GE 4000	74.3	76.3	78.1	78.7	79.1	79.5	79.6	79.6	79.6	79.8	79.9	79.9	79.9	79.9	80.0	80.1
GE 3500	76.3	78.5	80.4	81.1	81.5	81.8	81.9	81.9	81.9	82.2	82.3	82.3	82.3	82.3	82.4	82.5
GE 3000	78.8	81.2	83.3	84.0	84.5	84.8	84.9	84.9	84.9	85.2	85.3	85.3	85.3	85.3	85.4	85.5
GE 2500	79.7	82.0	84.2	84.8	85.4	85.8	86.0	86.2	86.2	86.5	86.6	86.6	86.6	86.6	86.7	86.8
GE 2000	80.3	83.0	85.3	85.9	86.5	86.9	87.3	87.6	87.6	87.8	88.0	88.0	88.0	88.0	88.1	88.2
GE 1800	80.5	83.2	85.5	86.1	86.7	87.1	87.5	87.8	87.8	88.1	88.2	88.2	88.2	88.2	88.3	88.4
GE 1500	80.9	83.5	85.8	86.5	87.1	87.5	88.0	88.3	88.3	88.5	88.6	88.6	88.6	88.6	88.7	88.8
GE 1200	81.0	83.7	86.1	86.8	87.5	88.0	88.4	88.7	88.7	88.9	89.0	89.0	89.0	89.0	89.1	89.2
GE 1000	81.5	84.2	86.9	87.6	88.5	88.9	89.4	89.7	89.7	89.9	90.0	90.0	90.0	90.0	90.1	90.2
GE 900	81.7	84.4	87.1	87.8	88.7	89.1	89.6	89.9	89.9	90.1	90.2	90.2	90.2	90.2	90.3	90.4
GE 800	82.0	84.7	87.6	88.4	89.2	89.7	90.1	90.4	90.4	90.6	90.8	90.8	90.8	90.8	90.9	91.0
GE 700	82.4	85.4	88.4	89.1	90.3	90.9	91.4	91.7	91.7	91.9	92.2	92.2	92.2	92.2	92.3	92.4
GE 600	82.5	85.5	88.7	89.6	90.9	91.4	91.9	92.3	92.3	92.5	92.7	92.7	92.7	92.7	92.8	92.9
GE 500	82.6	85.7	88.9	90.3	91.6	92.2	92.7	93.0	93.0	93.3	93.5	93.5	93.5	93.5	93.7	93.8
GE 400	82.7	85.9	89.1	90.6	92.3	93.1	93.8	94.3	94.3	94.7	94.9	94.9	95.2	95.2	95.3	95.4
GE 300	82.7	85.9	89.1	90.8	92.5	93.3	94.2	95.4	95.4	96.0	96.3	96.3	96.6	96.6	96.8	96.9
GE 200	82.7	85.9	89.1	90.9	92.7	93.8	94.7	96.1	96.1	97.1	97.4	97.4	97.7	97.7	98.0	98.4
GE 100	82.7	85.9	89.1	90.9	92.7	93.8	94.7	96.1	96.1	97.1	97.5	97.5	98.2	98.2	98.4	100.0
GE 000	82.7	85.9	89.1	90.9	92.7	93.8	94.7	96.1	96.1	97.1	97.5	97.5	98.2	98.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.5	44.2	45.1	45.7	46.0	46.1	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.7
GE 20000	45.8	48.8	50.0	50.8	51.2	51.3	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	52.0	52.2
GE 18000	46.0	49.0	50.2	51.0	51.4	51.5	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.3	52.4
GE 16000	46.0	49.0	50.2	51.0	51.4	51.5	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.3	52.4
GE 14000	46.2	49.4	50.5	51.3	51.7	51.8	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6	52.7
GE 12000	47.1	50.3	51.5	52.3	52.7	52.8	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.5	53.7
GE 10000	52.7	56.1	57.6	58.4	58.8	58.9	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.7	59.8
GE 9000	53.1	56.6	58.1	58.8	59.2	59.4	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.1	60.2
GE 8000	58.7	62.6	64.2	65.1	65.6	65.7	66.2	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.7	66.9
GE 7000	60.6	64.6	66.3	67.2	67.7	67.8	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.8	69.0
GE 6000	61.3	65.3	67.0	67.8	68.4	68.5	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.5	69.7
GE 5000	63.2	67.2	69.1	70.0	70.5	70.6	71.2	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.6	71.8
GE 4500	65.8	70.0	71.9	72.9	73.8	74.0	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.9	75.2
GE 4000	67.2	71.9	74.0	75.1	76.1	76.3	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.3	77.5
GE 3500	69.1	74.3	76.3	77.4	78.5	78.7	79.2	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.7	79.9
GE 3000	71.5	76.7	78.9	80.1	81.3	81.5	82.0	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.5	82.7
GE 2500	72.7	78.2	80.6	81.8	83.0	83.2	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.4	84.6
GE 2000	73.3	79.0	81.7	83.0	84.2	84.4	85.4	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.2	86.5
GE 1800	73.4	79.1	81.8	83.2	84.4	84.6	85.7	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.6	86.8
GE 1500	74.1	80.1	82.8	84.2	85.4	85.7	87.0	87.4	87.4	87.6	87.6	87.6	87.7	87.7	88.0	88.2
GE 1200	74.4	80.5	83.4	85.1	86.3	86.7	88.0	88.4	88.4	88.6	88.8	88.8	88.9	88.9	89.1	89.4
GE 1000	74.9	81.2	84.1	85.7	87.0	87.4	88.9	89.4	89.4	89.6	89.8	89.8	89.9	89.9	90.1	90.3
GE 900	75.3	81.5	84.4	86.0	87.3	87.8	89.4	89.8	89.8	90.0	90.2	90.2	90.3	90.3	90.5	90.8
GE 800	75.4	81.8	84.9	86.6	88.0	88.5	90.0	90.4	90.4	90.6	90.9	90.9	91.0	91.0	91.2	91.4
GE 700	75.5	82.3	85.5	87.1	88.5	89.0	90.5	91.2	91.2	91.4	91.6	91.6	91.7	91.7	91.9	92.2
GE 600	75.5	82.4	85.6	87.4	88.9	89.6	91.1	91.7	91.7	91.9	92.2	92.2	92.3	92.3	92.5	92.7
GE 500	75.6	82.5	85.8	87.7	89.4	90.2	91.9	92.6	92.6	93.0	93.3	93.3	93.4	93.4	93.7	93.9
GE 400	75.7	82.6	86.1	88.3	90.1	91.0	92.8	93.7	93.8	94.2	94.5	94.5	94.6	94.6	94.8	95.1
GE 300	75.8	82.7	86.2	88.4	90.4	91.3	93.2	94.2	94.3	94.9	95.3	95.3	95.5	95.5	95.7	95.9
GE 200	75.8	82.7	86.2	88.4	90.4	91.3	93.2	94.3	94.6	95.7	96.1	96.1	96.7	96.9	97.4	98.1
GE 100	75.8	82.7	86.2	88.4	90.4	91.3	93.2	94.3	94.6	95.7	96.6	96.6	97.2	97.4	98.2	99.5
GE 000	75.8	82.7	86.2	88.4	90.4	91.3	93.2	94.3	94.6	95.7	96.6	96.6	97.2	97.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.9	41.9	42.2	42.3	42.5	42.5	42.7	42.7	42.8	42.9	43.0	43.0	43.0	43.0	43.0	43.0
GE 20000	46.8	50.2	50.5	50.9	51.1	51.2	51.4	51.4	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7
GE 18000	47.4	50.9	51.2	51.5	51.7	51.8	52.0	52.0	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4
GE 16000	47.4	50.9	51.2	51.5	51.7	51.8	52.0	52.0	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4
GE 14000	48.5	51.9	52.3	52.6	52.8	52.9	53.1	53.1	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4
GE 12000	49.5	53.0	53.3	53.7	53.9	54.0	54.2	54.2	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5
GE 10000	53.5	57.2	57.5	57.8	58.1	58.2	58.4	58.4	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7
GE 9000	54.3	58.1	58.4	58.7	58.9	59.0	59.2	59.2	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6
GE 8000	59.8	63.8	64.2	64.5	64.9	65.1	65.3	65.5	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8
GE 7000	61.6	65.6	66.0	66.3	66.8	66.9	67.1	67.3	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6
GE 6000	62.5	66.6	67.0	67.3	67.7	67.8	68.1	68.3	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6
GE 5000	63.0	68.0	68.4	68.7	69.5	69.6	69.8	70.0	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3
GE 4500	64.9	70.4	70.9	71.3	72.3	72.5	72.7	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2
GE 4000	65.9	71.8	72.7	73.5	74.7	74.9	75.2	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7
GE 3500	68.0	74.0	74.8	75.8	77.0	77.2	77.4	77.6	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0
GE 3000	70.5	76.7	77.8	78.9	80.4	80.9	81.1	81.4	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500	71.1	77.6	79.4	80.5	82.3	82.8	83.0	83.3	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7
GE 2000	71.8	78.5	80.3	81.7	83.7	84.3	84.6	84.9	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3
GE 1800	71.9	78.6	80.5	81.9	83.9	84.5	84.9	85.3	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6
GE 1500	72.3	78.9	80.9	82.5	84.5	85.2	85.6	85.9	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 1200	72.4	79.0	81.1	82.7	84.7	85.5	86.0	86.3	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7
GE 1000	72.6	79.6	81.6	83.4	85.5	86.6	87.1	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8
GE 900	72.6	79.7	81.7	83.5	85.6	86.7	87.2	87.6	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0
GE 800	72.7	79.8	81.9	83.8	85.9	87.0	87.6	88.2	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5
GE 700	72.8	79.9	82.2	84.0	86.2	87.6	88.5	89.2	89.4	89.7	89.8	89.9	89.9	89.9	89.9	89.9
GE 600	72.9	80.1	82.5	84.3	86.8	88.3	89.4	90.2	90.3	90.6	90.9	91.0	91.0	91.0	91.0	91.0
GE 500	72.9	80.1	82.8	84.6	87.5	89.4	90.8	91.9	92.0	92.4	92.7	92.8	92.9	92.9	92.9	92.9
GE 400	73.0	80.2	82.9	84.8	88.0	90.3	92.3	93.8	94.0	94.7	95.3	95.6	95.7	95.7	95.7	95.7
GE 300	73.1	80.4	83.1	85.2	88.3	90.8	92.7	94.3	94.6	95.8	96.3	96.7	96.9	96.9	96.9	96.9
GE 200	73.1	80.5	83.2	85.3	88.4	91.0	92.9	94.6	95.3	96.6	97.2	97.6	98.3	98.8	98.9	99.5
GE 100	73.1	80.5	83.2	85.3	88.4	91.0	92.9	94.6	95.3	96.6	97.3	97.7	98.4	99.0	99.4	99.9
GE 000	73.1	80.5	83.2	85.3	88.4	91.0	92.9	94.6	95.3	96.6	97.3	97.7	98.4	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.0	41.4	41.5	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 20000	52.0	52.8	52.9	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 18000	52.6	53.3	53.4	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 16000	52.6	53.3	53.4	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 14000	53.2	54.0	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 12000	54.7	55.5	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 10000	58.6	59.4	59.6	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 9000	59.1	59.9	60.2	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 8000	64.7	65.6	66.5	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 7000	66.8	67.7	68.6	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 6000	67.3	68.3	69.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 5000	68.5	69.6	70.4	71.1	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 4500	70.3	71.4	72.3	73.0	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 4000	72.3	73.4	74.5	75.5	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 3500	75.2	76.9	78.2	79.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3000	78.3	80.2	81.6	82.6	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2500	79.1	81.3	82.7	83.3	84.5	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	79.7	81.9	83.5	84.8	85.9	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1800	79.8	82.0	83.7	84.9	86.1	86.2	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1500	80.0	82.7	84.4	85.8	87.0	87.1	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1200	80.1	83.0	84.7	86.3	87.6	87.8	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1000	80.2	83.1	84.8	86.5	87.7	88.3	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 900	80.2	83.2	85.1	86.7	88.1	88.7	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 800	80.3	83.3	85.4	87.0	88.6	89.4	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 700	80.3	83.3	85.6	87.3	89.2	90.1	91.2	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 600	80.5	83.8	86.1	88.0	89.9	91.0	92.2	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 500	80.5	83.8	86.3	88.3	90.4	91.9	93.8	94.9	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
GE 400	80.6	83.9	86.5	88.4	90.5	92.2	94.5	96.1	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2
GE 300	80.6	83.9	86.5	88.4	90.9	92.5	95.1	97.3	97.8	98.2	98.6	98.6	98.9	98.9	98.9	98.9
GE 200	80.6	83.9	86.5	88.4	90.9	92.5	95.2	97.6	98.2	98.5	99.0	99.0	99.5	99.7	99.8	99.8
GE 100	80.6	83.9	86.5	88.4	90.9	92.5	95.2	97.6	98.2	98.5	99.0	99.1	99.6	99.8	100.0	100.0
GE 600	80.6	83.9	86.5	88.4	90.9	92.5	95.2	97.6	98.2	98.5	99.0	99.1	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.8	44.4	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 20000	53.7	54.4	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 18000	53.8	54.5	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 16000	53.8	54.5	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 14000	54.2	54.9	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 12000	55.9	56.7	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 10000	61.0	61.7	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 9000	61.3	62.0	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 8000	68.1	69.1	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 7000	69.5	70.9	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 6000	69.8	71.3	71.8	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 5000	71.3	72.8	73.3	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4500	73.2	74.8	75.4	75.7	75.8	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4000	75.6	77.6	78.3	78.6	78.8	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3500	78.1	80.1	80.8	81.1	81.3	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 3000	80.4	83.1	83.8	84.1	84.3	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2500	81.3	84.0	84.6	85.2	85.5	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2000	81.4	84.6	85.4	85.9	86.3	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1800	81.6	84.8	85.6	86.1	86.7	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1500	81.6	85.2	85.9	86.7	87.6	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1200	81.6	85.3	86.0	86.8	87.7	88.3	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
GE 1000	81.8	85.5	86.2	87.1	88.2	88.8	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
GE 900	81.8	85.6	86.5	87.3	88.4	89.1	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	81.8	85.7	86.7	87.5	88.7	89.5	89.8	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
GE 700	81.9	85.8	87.0	87.8	89.0	90.1	90.6	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.3	91.3
GE 600	81.9	85.8	87.0	88.2	89.5	91.0	91.7	92.0	92.0	92.3	92.5	92.5	92.5	92.5	92.6	92.6
GE 500	82.0	85.9	87.4	88.6	90.1	92.4	93.8	94.5	94.5	94.7	94.9	95.1	95.1	95.1	95.2	95.2
GE 400	82.2	86.0	87.5	89.0	90.6	93.2	94.8	95.8	95.9	96.5	96.9	97.0	97.0	97.0	97.1	97.1
GE 300	82.2	86.0	87.5	89.0	90.9	93.5	95.4	96.6	96.8	98.1	98.5	98.6	98.6	98.6	98.8	98.8
GE 200	82.2	86.0	87.5	89.0	90.9	93.5	95.4	96.7	97.0	98.4	98.9	99.0	99.0	99.0	99.2	99.2
GE 100	82.2	86.0	87.5	89.0	90.9	93.5	95.4	96.7	97.0	98.5	99.0	99.2	99.6	99.6	99.8	100.0
GE 000	82.2	86.0	87.5	89.0	90.9	93.5	95.4	96.7	97.0	98.5	99.0	99.2	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.8	49.2	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 20000	54.6	55.2	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 18000	54.6	55.2	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 16000	54.6	55.2	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 14000	55.1	55.6	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 12000	56.8	57.3	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 10000	61.8	62.4	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 9000	62.3	63.0	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 8000	68.3	69.6	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 7000	69.4	70.6	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 6000	69.9	71.2	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 5000	71.6	73.1	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 4500	73.4	75.2	76.0	76.0	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4000	75.4	77.1	78.2	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3500	77.3	79.0	80.1	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3000	80.3	82.6	83.7	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 2500	81.9	84.9	86.1	86.3	86.3	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2000	82.2	85.5	87.1	87.5	87.5	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	82.2	85.5	87.1	87.6	87.6	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1500	82.6	86.0	87.8	88.4	88.6	89.0	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1200	82.8	86.3	88.2	88.8	89.0	89.5	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1000	82.9	86.7	88.5	89.2	89.6	90.0	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 900	82.9	86.7	88.5	89.2	89.6	90.0	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 800	83.1	87.1	88.9	89.8	90.2	90.8	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 700	83.3	87.5	89.4	90.4	90.9	91.4	91.7	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 600	83.3	87.6	89.5	90.5	91.1	91.6	92.0	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 500	83.5	88.1	90.2	91.7	93.3	94.3	94.9	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 400	83.5	88.1	90.3	91.9	93.9	94.9	95.9	96.3	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 300	83.5	88.2	90.5	92.2	94.1	95.2	96.2	96.8	96.8	97.3	97.5	97.5	97.5	97.5	97.5	97.5
GE 200	83.5	88.2	90.5	92.2	94.1	95.2	96.6	97.1	97.1	98.0	98.3	98.4	98.5	98.5	98.6	98.6
GE 100	83.5	88.2	90.6	92.3	94.2	95.3	96.7	97.2	97.2	98.3	98.6	98.8	99.1	99.2	99.6	100.0
GE 000	83.5	88.2	90.6	92.3	94.2	95.3	96.7	97.2	97.2	98.3	98.6	98.8	99.1	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.8	50.8	51.1	51.4	51.4	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	52.0
GE 20000	53.7	54.7	55.3	55.6	55.6	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.2
GE 18000	53.7	54.7	55.3	55.6	55.6	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.2
GE 16000	53.7	54.7	55.3	55.6	55.6	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.2
GE 14000	53.7	54.7	55.3	55.6	55.6	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.2
GE 12000	54.7	55.9	56.5	56.8	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.4
GE 10000	60.2	61.6	62.2	62.5	62.5	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.1
GE 9000	61.1	62.5	63.0	63.3	63.3	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	64.0
GE 8000	66.3	67.7	68.3	69.1	69.2	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	70.1
GE 7000	68.1	69.8	70.3	71.2	71.3	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	72.2
GE 6000	68.9	70.8	71.3	72.2	72.3	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	73.1
GE 5000	71.4	73.4	74.1	74.9	75.1	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.9
GE 4500	74.5	76.6	77.3	78.2	78.3	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	79.1
GE 4000	76.3	78.4	79.4	80.2	80.3	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	81.2
GE 3500	77.8	79.9	80.9	81.7	81.8	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.7
GE 3000	80.4	82.7	83.7	84.6	84.7	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.6
GE 2500	81.6	83.9	84.8	85.9	86.1	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	87.1
GE 2000	82.9	85.5	86.5	87.7	88.1	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	89.0
GE 1800	83.0	85.6	86.6	87.8	88.2	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	89.1
GE 1500	83.7	86.6	87.5	88.8	89.1	89.5	89.6	89.7	89.7	89.8	89.8	89.8	90.0	90.0	90.0	90.3
GE 1200	83.8	86.7	87.6	88.9	89.2	89.6	89.7	89.8	89.8	89.9	89.9	89.9	90.1	90.1	90.1	90.4
GE 1000	84.2	87.1	88.1	89.5	89.8	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.6	90.6	90.6	91.0
GE 900	84.5	87.4	88.4	89.8	90.1	90.4	90.5	90.6	90.6	90.8	90.8	90.8	91.0	91.0	91.0	91.3
GE 800	84.5	87.4	88.4	89.9	90.5	90.9	91.2	91.3	91.3	91.4	91.4	91.4	91.6	91.6	91.6	91.9
GE 700	84.6	87.6	88.6	90.1	91.4	91.7	92.0	92.2	92.2	92.3	92.3	92.3	92.5	92.5	92.5	92.8
GE 600	84.6	87.6	88.6	90.1	91.5	91.8	92.2	92.4	92.4	92.5	92.5	92.5	92.7	92.7	92.7	93.0
GE 500	84.8	87.8	89.0	90.8	92.4	92.9	93.3	93.7	93.7	93.9	93.9	93.9	94.2	94.2	94.2	94.5
GE 400	84.8	87.8	89.1	91.0	92.7	93.3	94.1	94.4	94.4	94.6	94.7	94.7	95.1	95.1	95.1	95.4
GE 300	84.8	87.8	89.1	91.1	93.0	93.8	94.6	94.9	95.1	95.5	96.0	96.0	96.5	96.5	96.6	97.0
GE 200	84.8	87.8	89.1	91.1	93.0	93.8	94.7	95.6	95.8	96.7	97.4	97.5	98.1	98.1	98.2	98.6
GE 100	84.8	87.8	89.1	91.1	93.0	93.8	94.7	95.6	95.9	96.9	97.7	97.8	98.7	98.9	99.1	100.0
GE 000	84.8	87.8	89.1	91.1	93.0	93.8	94.7	95.6	95.9	96.9	97.7	97.8	98.7	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.5	46.7	47.1	47.4	47.5	47.6	47.6	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.9
GE 20000	51.7	53.2	53.8	54.1	54.2	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.7
GE 18000	51.9	53.4	54.0	54.3	54.4	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.9
GE 16000	51.9	53.4	54.0	54.3	54.4	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.9
GE 14000	52.3	53.8	54.4	54.7	54.8	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.2	55.3
GE 12000	53.7	55.1	55.7	56.0	56.1	56.2	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.6
GE 10000	58.4	60.0	60.7	61.0	61.2	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.6
GE 9000	58.9	60.6	61.3	61.6	61.8	61.9	61.9	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.2
GE 8000	64.8	66.7	67.5	68.0	68.2	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.8
GE 7000	66.4	68.4	69.3	69.8	70.0	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.6
GE 6000	67.2	69.2	70.1	70.6	70.8	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.3	71.3	71.3	71.4
GE 5000	68.9	71.1	72.1	72.6	72.9	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.5
GE 4500	71.1	73.5	74.5	75.0	75.4	75.6	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.1	76.2
GE 4000	72.9	75.6	76.8	77.5	78.0	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.7
GE 3500	75.1	77.9	79.2	79.9	80.4	80.6	80.7	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.1
GE 3000	77.6	80.7	82.1	82.9	83.4	83.7	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.3
GE 2500	78.6	81.9	83.4	84.3	84.9	85.2	85.4	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.9
GE 2000	79.2	82.8	84.5	85.5	86.3	86.6	86.9	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.4
GE 1800	79.4	82.9	84.7	85.7	86.5	86.8	87.1	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.6	87.7
GE 1500	79.7	83.5	85.3	86.4	87.3	87.6	88.0	88.2	88.3	88.3	88.4	88.4	88.5	88.5	88.5	88.6
GE 1200	79.9	83.7	85.5	86.7	87.7	88.1	88.5	88.7	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.1
GE 1000	80.2	84.1	86.0	87.3	88.2	88.8	89.2	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.8	89.9
GE 900	80.3	84.3	86.2	87.5	88.5	89.0	89.5	89.8	89.8	89.9	90.0	90.0	90.1	90.1	90.1	90.2
GE 800	80.4	84.5	86.5	87.8	88.9	89.5	90.1	90.4	90.4	90.5	90.6	90.6	90.7	90.7	90.7	90.8
GE 700	80.6	84.8	86.9	88.2	89.6	90.2	90.9	91.3	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.8
GE 600	80.7	84.9	87.1	88.6	90.0	90.8	91.6	92.0	92.0	92.2	92.4	92.4	92.5	92.5	92.6	92.7
GE 500	80.8	85.1	87.4	89.1	90.9	92.0	93.0	93.6	93.7	94.0	94.2	94.2	94.3	94.3	94.4	94.5
GE 400	80.8	85.1	87.6	89.4	91.3	92.7	94.0	94.8	94.9	95.4	95.7	95.7	95.9	95.9	95.9	96.0
GE 300	80.9	85.2	87.6	89.5	91.6	93.0	94.4	95.5	95.7	96.4	96.8	96.9	97.1	97.1	97.2	97.3
GE 200	80.9	85.2	87.7	89.6	91.7	93.1	94.7	96.0	96.3	97.2	97.7	97.9	98.2	98.3	98.5	98.9
GE 100	80.9	85.2	87.7	89.6	91.7	93.2	94.7	96.0	96.3	97.3	98.0	98.1	98.6	98.8	99.2	100.0
GE 000	80.9	85.2	87.7	89.6	91.7	93.2	94.7	96.0	96.3	97.3	98.0	98.1	98.6	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: ALL HOURS: ALL

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.0	47.1	49.0	50.1	50.9	51.1	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 20000	49.2	54.4	56.8	58.2	59.1	59.4	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 18000	49.3	54.5	57.0	58.4	59.2	59.5	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.0
GE 16000	49.3	54.5	57.0	58.4	59.2	59.5	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.0
GE 14000	49.7	54.9	57.3	58.7	59.6	59.9	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4
GE 12000	50.9	56.3	58.8	60.3	61.2	61.5	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0
GE 10000	54.4	60.4	63.2	64.8	65.9	66.2	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7
GE 9000	54.9	60.9	63.8	65.4	66.5	66.8	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3
GE 8000	58.2	64.8	67.8	69.7	70.8	71.2	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.8
GE 7000	59.4	66.1	69.3	71.1	72.3	72.7	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3
GE 6000	59.9	66.6	69.8	71.7	72.9	73.3	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9
GE 5000	61.4	68.3	71.6	73.6	74.8	75.2	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9
GE 4500	63.1	70.4	73.6	75.8	77.1	77.5	77.9	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2
GE 4000	65.5	73.1	76.7	78.9	80.4	80.9	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
GE 3500	66.7	74.5	78.3	80.5	82.1	82.6	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4
GE 3000	68.3	76.6	80.5	83.0	84.7	85.2	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1
GE 2500	69.0	77.5	81.6	84.1	85.9	86.4	86.9	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4
GE 2000	69.7	78.3	82.5	85.2	87.1	87.6	88.2	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.7
GE 1800	69.8	78.4	82.7	85.4	87.3	87.9	88.4	88.7	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9
GE 1500	70.3	79.2	83.6	86.4	88.4	89.1	89.7	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3
GE 1200	70.5	79.5	84.0	86.9	89.1	89.8	90.4	90.7	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0
GE 1000	70.7	79.8	84.5	87.5	89.8	90.6	91.3	91.7	91.7	91.9	91.9	91.9	91.9	92.0	92.0	92.0
GE 900	70.8	79.9	84.6	87.7	90.0	90.8	91.5	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.3
GE 800	70.9	80.2	84.9	88.1	90.5	91.4	92.2	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.1	93.1
GE 700	71.0	80.3	85.2	88.4	91.1	92.0	93.0	93.5	93.6	93.8	93.9	93.9	93.9	93.9	94.0	94.0
GE 600	71.0	80.4	85.3	88.7	91.4	92.5	93.5	94.1	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.6
GE 500	71.1	80.6	85.6	89.0	92.0	93.2	94.5	95.2	95.4	95.7	95.8	95.8	95.9	95.9	95.9	96.0
GE 400	71.1	80.6	85.7	89.3	92.5	93.9	95.4	96.3	96.6	96.9	97.1	97.2	97.2	97.3	97.3	97.3
GE 300	71.2	80.7	85.8	89.4	92.7	94.2	95.8	96.9	97.3	97.8	98.0	98.1	98.2	98.2	98.3	98.4
GE 200	71.2	80.7	85.8	89.4	92.7	94.3	95.9	97.2	97.6	98.3	98.6	98.7	98.9	99.0	99.1	99.3
GE 100	71.2	80.7	85.8	89.4	92.7	94.3	96.0	97.2	97.7	98.3	98.7	98.8	99.1	99.2	99.5	99.9
GE 000	71.2	80.7	85.8	89.4	92.7	94.3	96.0	97.2	97.7	98.3	98.7	98.8	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 87666

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
					TOTAL OBSCURATION				
00-02	23.3	20.1	17.5	35.9	3.1		56.6	4.4	930
03-05	20.3	22.5	17.2	37.0	3.0		57.2	5.3	930
06-08	10.5	28.6	21.6	35.6	3.7		60.9	3.1	930
09-11	7.3	26.6	28.6	33.2	4.3		66.1	5.6	930
12-14	6.1	27.5	33.3	30.2	2.8		66.3	5.9	930
15-17	5.6	32.6	28.7	29.6	3.5		61.8	4.0	930
18-20	17.2	24.5	21.9	33.7	2.7		58.3	3.7	930
21-23	22.8	20.1	19.9	34.6	2.6		57.1	3.3	930
ALL HOURS	14.0	25.0	23.0	33.0	3.0		60.0	4.0	7440

MONTH: FEB HOURS: ALL

00-02	25.2	21.2	14.4	35.5	3.8		53.6	6.2	849
03-05	23.4	20.7	15.4	35.9	4.5		55.8	4.8	849
06-08	10.1	29.0	20.5	36.7	3.7		60.9	5.7	849
09-11	6.4	29.3	25.6	36.2	2.6		64.3	7.4	849
12-14	5.5	29.2	23.6	40.4	1.3		65.3	6.1	849
15-17	5.9	28.3	24.4	39.8	1.6		65.8	4.8	849
18-20	13.2	28.9	18.5	35.8	3.7		58.0	3.7	849
21-23	23.8	23.0	13.8	34.5	4.9		53.2	4.1	849
ALL HOURS	14.2	26.2	19.5	36.9	3.3		59.6	5.4	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	28.7	23.5	12.5	34.1	1.2	47.7	2.6	930
03-05	24.9	23.9	13.3	36.6	1.3	51.2	2.0	930
06-08	10.1	30.9	19.8	36.8	2.5	59.0	3.8	930
09-11	8.6	30.0	23.7	36.9	.9	61.4	3.4	930
12-14	7.2	30.4	25.9	36.0	.4	62.4	2.0	930
15-17	7.1	32.8	26.8	32.9	.4	60.1	2.5	930
18-20	14.4	31.3	22.2	31.1	1.1	54.3	2.3	930
21-23	27.0	24.2	16.5	30.9	1.5	48.8	.9	930
ALL HOURS	16.0	28.0	20.0	34.0	1.0	55.0	2.0	7440

MONTH: APR HOURS: ALL

00-02	27.0	23.0	18.3	30.3	1.3	50.0	2.3	900
03-05	22.4	25.4	17.1	32.9	2.1	52.1	3.4	900
06-08	10.7	30.6	23.1	33.0	2.7	58.8	4.8	900
09-11	7.6	30.8	26.9	34.3	.4	61.7	5.1	900
12-14	6.8	27.4	33.6	32.0	.2	65.8	2.6	900
15-17	5.1	28.7	32.4	33.6	.2	66.2	2.1	900
18-20	8.6	31.0	25.4	34.2	.8	60.4	2.8	900
21-23	19.0	28.4	20.6	30.7	1.3	52.6	2.1	900
ALL HOURS	13.4	28.2	24.7	32.6	1.1	58.4	3.2	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	24.1	23.3	21.0	30.4	1.2	52.6	3.8	930
03-05	14.1	31.9	21.2	30.4	2.4	54.0	5.4	930
06-08	11.2	29.7	24.6	32.7	1.8	59.1	4.9	930
09-11	7.6	32.3	27.0	32.7	.4	60.1	2.4	930
12-14	2.9	33.5	30.8	32.2		63.5	1.7	930
15-17	2.9	31.8	33.7	31.5	.1	65.3	2.2	930
18-20	5.1	31.8	27.7	34.9	.4	63.1	1.8	930
21-23	18.5	26.6	21.2	33.0	.8	54.9	2.8	930
ALL HOURS	10.0	30.0	25.0	32.0	.0	59.0	3.0	7440

MONTH: JUN HOURS: ALL

00-02	23.0	31.2	24.3	20.7	.8	45.8	3.9	900
03-05	13.9	36.9	26.9	21.0	1.3	49.2	7.9	900
06-08	8.9	35.9	30.0	24.3	.9	55.2	6.9	900
09-11	7.6	35.6	33.2	23.7		56.9	3.4	900
12-14	2.2	35.7	37.6	24.6		62.1	2.1	900
15-17	1.2	34.0	41.9	22.8	.1	64.8	3.6	900
18-20	4.0	31.7	37.9	26.4		64.3	3.0	898
21-23	16.1	31.3	29.9	22.4	.3	52.6	2.9	897
ALL HOURS	9.6	34.0	32.7	23.2	.4	56.4	4.2	7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	22.2	32.0	26.8	18.8	.2	45.8	7.2	930
03-05	15.1	37.5	26.1	20.5	.8	47.4	10.3	930
06-08	8.4	39.5	26.3	25.5	.3	52.2	10.8	930
09-11	6.6	38.7	30.2	24.5		54.7	6.2	930
12-14	1.2	36.0	39.1	23.7		62.8	6.5	930
15-17	1.8	36.9	39.9	21.4		61.3	7.3	930
18-20	4.1	34.1	35.7	26.0	.1	61.8	6.5	930
21-23	14.7	35.8	28.6	20.8	.1	49.5	5.6	930
ALL HOURS	9.0	36.0	31.0	22.0	.0	54.0	7.0	7440

MONTH: AUG HOURS: ALL

00-02	23.4	32.8	22.6	21.2			43.8	7.8	930
03-05	18.7	38.2	21.7	21.0	.4		43.1	12.4	930
06-08	7.2	41.5	26.7	24.2	.4		51.3	14.8	930
09-11	7.6	37.7	32.0	22.4	.2		54.6	8.5	930
12-14	.8	41.3	37.6	20.3			58.0	5.9	930
15-17	.6	40.3	41.4	17.5	.1		59.0	7.6	930
18-20	2.5	43.4	33.0	21.0	.1		54.1	7.1	930
21-23	15.4	36.3	24.4	23.9			48.3	5.7	930
ALL HOURS	9.5	39.0	29.9	21.4	.2		51.5	8.7	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	27.4	26.1	20.6	25.3	.6	46.4	6.0	900
03-05	25.6	27.6	17.7	27.8	1.4	46.9	8.1	900
06-08	10.2	36.3	23.8	28.6	1.1	53.4	8.6	900
09-11	8.6	37.7	28.6	25.2		53.8	4.4	900
12-14	3.3	37.2	33.3	26.1		59.4	3.3	900
15-17	3.4	39.7	33.9	23.0		56.9	2.6	900
18-20	10.8	36.9	28.1	24.2		52.3	3.2	900
21-23	22.2	31.3	21.3	24.9	.2	46.4	3.1	900
ALL HOURS	13.0	34.0	25.0	25.0	.0	51.0	4.0	7200

MONTH: OCT HOURS: ALL

00-02	29.0	29.0	16.7	24.0	1.3	41.9	5.2	930
03-05	28.7	25.3	17.3	26.6	2.2	46.0	6.7	930
06-08	9.6	38.3	26.0	24.3	1.8	52.2	7.3	930
09-11	9.9	33.9	29.2	26.1	.9	56.2	3.7	930
12-14	7.1	32.2	35.4	25.4		60.8	1.3	930
15-17	8.1	33.7	34.1	24.1	.1	58.3	1.4	930
18-20	16.0	32.9	25.1	24.8	1.2	51.1	1.6	930
21-23	26.7	26.9	19.0	26.1	1.3	46.5	1.8	930
ALL HOURS	16.9	31.5	25.3	25.2	1.1	51.6	3.6	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	28.4	27.1	17.4	26.6	.4	44.4	2.8	900
03-05	27.4	23.0	20.0	28.2	1.3	49.6	3.3	900
06-08	11.4	30.6	25.2	31.0	1.8	58.0	6.0	900
9-11	7.4	31.7	29.7	30.4	.8	60.9	6.0	900
12-14	5.6	32.3	32.3	29.3	.4	62.1	4.6	900
15-17	6.4	30.4	30.1	32.1	.9	63.1	3.2	900
18-20	16.1	27.7	24.1	31.3	.8	56.2	2.8	900
21-23	25.7	25.3	17.7	30.8	.6	49.0	2.1	900
ALL HOURS	16.0	28.0	24.0	29.0	.0	55.0	3.0	7200

MONTH: DEC HOURS: ALL

00-02	23.0	24.8	19.4	30.9	1.9	52.2	4.0	930
03-05	21.0	26.2	19.1	31.2	2.5	52.8	3.0	930
06-08	10.1	32.2	24.8	30.0	2.9	57.7	4.0	930
09-11	6.6	30.0	30.5	31.6	1.3	63.4	6.2	930
12-14	5.2	31.0	32.2	31.0	.8	63.9	3.8	930
15-17	5.5	33.9	28.7	31.3	.6	60.6	3.5	930
18-20	18.5	27.2	18.9	34.2	1.2	54.3	2.6	930
21-23	23.1	24.3	18.1	32.2	2.4	52.6	3.1	930
ALL HOURS	14.1	28.7	24.0	31.5	1.7	57.2	3.8	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: ALL HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	25.4	26.2	19.3	27.8	1.3	48.4	4.7	10959
03-05	21.3	28.3	19.4	29.1	1.9	50.4	6.1	10959
06-08	9.9	33.6	24.4	30.2	2.0	56.5	6.7	10959
09-11	7.6	32.9	28.8	29.7	1.0	59.5	5.2	10959
12-14	4.5	32.8	32.9	29.2	.5	62.7	3.8	10959
15-17	4.5	33.6	33.0	28.2	.6	61.9	3.7	10959
18-20	10.9	31.8	26.6	29.8	1.0	57.3	3.4	10957
21-23	21.2	27.8	20.9	28.7	1.3	50.9	3.1	10956
ALL HOURS	13.2	30.9	25.7	29.1	1.2	56.0	4.6	87667

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, WET BULB TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (BEFORE 5 APRIL 77)

$C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINE).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4306-8906
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 105							.1						.0
GE 100						.3	.9	.1	.1				.1
GE 95				.1	.1	2.6	5.6	3.8	1.3				1.1
GE 90				1.1	2.0	16.4	27.2	21.4	7.7	.3			6.4
GE 85			.4	4.1	12.5	40.7	60.4	49.3	21.3	2.2			16.0
GE 80		.1	2.1	10.5	29.2	63.5	86.3	77.5	42.8	9.0	.8		27.0
GE 75	.1	.6	5.2	19.2	48.3	83.3	96.8	93.5	65.4	20.9	3.7	.1	36.7
GE 70	1.1	2.3	11.0	33.0	68.4	94.4	99.5	99.2	84.6	41.1	10.6	1.7	45.8
GE 65	3.2	5.1	19.0	48.2	83.7	98.7	100.0	99.9	94.7	60.9	21.7	4.8	53.6
GE 60	7.4	9.5	30.1	66.7	94.2	99.8		100.0	98.6	79.5	38.3	10.9	61.5
GE 55	13.1	18.2	43.8	81.7	98.5	100.0			99.9	92.7	55.9	20.4	68.9
GE 50	21.9	29.2	58.3	93.1	99.9				100.0	98.5	72.5	32.9	75.7
GE 45	35.9	45.2	74.5	98.5	100.0					99.8	86.8	49.6	82.7
GE 40	55.5	64.5	89.6	99.9						100.0	96.1	70.4	89.8
GE 35	73.4	81.9	96.9	100.0							99.3	84.9	94.7
GE 33	79.1	86.7	98.0								99.7	89.3	96.1
GE 30	87.0	92.8	99.3								99.9	94.4	97.8
GE 25	94.5	97.7	99.9								100.0	98.8	99.2
GE 20	98.2	99.2	99.9									99.7	99.8
GE 15	99.8	99.9	100.0									99.9	100.0
GE 10	99.9	100.0										100.0	100.0
GE 5	100.0												100.0
.....													
MEAN	41.5	44.3	53.4	64.8	73.8	81.9	85.9	84.2	77.8	67.2	56.2	45.3	64.8
SD	11.17	11.08	11.89	10.74	8.80	7.48	5.86	6.15	8.13	8.76	10.11	10.62	18.21
.....													
TOTAL OBS	1426	1300	1426	1380	1426	1392	1425	1425	1380	1426	1380	1426	16812
.....													

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4306-8906

MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80							.1						.0
GE 75						1.4	4.9	2.5	.5				.8
GE 70					.5	16.2	40.2	32.8	10.1	.4			8.4
GE 65			.2	.7	7.6	44.1	74.7	67.3	29.0	2.9	.4		19.1
GE 60		.1	.8	4.3	26.6	70.1	93.8	88.2	51.7	11.0	1.8	.1	29.3
GE 55	.6	.5	2.4	12.0	48.6	88.1	99.4	97.5	73.8	24.8	6.0	1.0	38.1
GE 50	1.1	1.4	6.5	26.8	72.4	97.3	99.9	99.6	89.7	44.5	13.0	2.2	46.5
GE 45	2.5	3.8	14.1	50.3	89.7	99.7	100.0	100.0	97.8	65.1	25.4	5.7	54.8
GE 40	7.7	10.2	29.0	73.4	98.1	100.0			99.6	84.6	43.8	13.6	63.6
GE 35	19.3	22.5	51.1	92.1	99.6				100.0	95.7	66.7	30.4	73.3
GE 33	26.5	30.7	62.1	94.6	100.0					98.2	75.8	38.4	77.4
GE 30	39.6	45.2	76.0	97.8						99.6	87.0	53.7	83.4
GE 25	61.0	67.5	91.9	99.9						100.0	97.2	74.3	91.1
GE 20	76.7	84.6	98.0	100.0							99.6	88.8	95.7
GE 15	88.1	93.2	99.4								99.9	96.1	98.1
GE 10	95.1	97.7	100.0								100.0	99.3	99.3
GE 5	98.2	99.5										100.0	99.8
GE 0	99.6	99.9											100.0
GE -5	100.0	100.0											100.0
MEAN	26.5	28.2	35.5	44.7	54.1	62.8	67.6	66.3	59.6	48.4	39.0	30.2	47.0
SD	9.83	9.07	8.59	7.84	7.35	6.45	4.80	5.39	7.51	8.48	8.85	8.93	16.50
TOTAL OBS	1426	1300	1426	1380	1426	1392	1425	1425	1380	1426	1380	1426	16812

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4306-8906
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 90						.1	.2						.0
GE 85						1.3	4.8	2.2	.5				.7
GE 80					.4	15.0	31.5	23.5	7.2	.1			6.5
GE 75			.1	1.5	8.4	41.7	68.2	59.1	23.0	2.0	.1		17.2
GE 70		.1	1.3	6.1	25.8	68.3	93.1	86.8	47.5	7.7	.7		28.3
GE 65	.2	.3	2.9	14.3	48.2	87.8	99.4	97.8	71.6	21.1	3.6	.4	37.5
GE 60	.8	.9	7.3	28.5	71.6	98.1	100.0	99.8	89.6	42.3	9.9	1.5	46.1
GE 55	2.4	3.9	16.6	47.6	89.3	99.9		100.0	97.8	64.8	24.3	4.2	54.5
GE 50	6.1	8.7	28.6	72.6	98.1	100.0			99.7	85.3	40.9	11.4	62.9
GE 45	14.4	17.6	44.9	89.9	99.9				100.0	96.5	61.0	23.1	70.8
GE 40	28.1	35.8	69.5	98.0	100.0					99.4	81.8	41.3	79.7
GE 35	48.9	56.8	87.0	99.7						100.0	94.9	64.3	87.8
GE 33	58.2	66.6	91.8	99.9							97.2	72.4	90.6
GE 30	68.7	78.3	96.3	100.0							99.1	81.6	93.7
GE 25	83.9	89.9	98.9								99.8	92.4	97.1
GE 20	92.6	96.5	99.9								100.0	98.0	98.9
GE 15	97.6	99.2	99.9									99.9	99.7
GE 10	99.6	99.8	100.0									100.0	100.0
GE 5	99.9	100.0											100.0
GE 0	100.0												100.0
MEAN	34.1	36.4	44.6	54.9	64.1	72.5	76.9	75.5	68.9	58.0	47.8	37.9	56.1
SD	9.94	9.45	9.57	8.53	7.30	6.40	4.76	5.19	7.22	7.87	8.86	9.29	17.04
TOTAL OBS	1426	1300	1426	1380	1426	1392	1425	1425	1380	1426	1380	1426	16812

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4306-8906

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43						96*	93	98	95	82	72	63	98*
44	69	67	80	81	91	96	95	94	91	84	71	57	96
45	57	64	87	86	88	96	98	94	90	80	77	56	98
46	64	71	79	88	87	92	96	90	94	84	76	71	96
47	73	55	68	84	90	94	93	97	92	86	65	60	97
48	59	79	87	84	90	94	93	99	89	79	78	67	99
49	70	74	81	84	89	94	96	97	88	85	75	64	97
50	77	54	79	81	90	93	93	91	90	83	84	70	93
51	69	71	70	87	89	96	95	96	93	92	73	73	96
52	73	58	82	88	85	100	98	90	94	85	70	62	100
53	70	70	69	86	89	93	98	100	100	82	76	67	100
54	70	75	80	86	88	99	102	95	99	92	68	64	102
55	62	66	79	82	90	92	98	97	89	83	78	63	98
56	62	66	71	88	93	96	94	93	93	80	72	75	96
57	65	69	73	92	90	97	100	97	92	74	73	63	100
58	55	62	56	85	86	93	94	92	92	85	76	59	94
59	70	67	79	88	90	100	92	95	91	90	76	63	100
60	58	67	79	93	86	90	93	93	87	81	73	68	93
61	53	70	80	88	86	90	95	92	95	81	81	60	95
62	60	68	77	86	92	93	92	94	93	84	63	64	94
63	61	55	84	88	93	92	94	92	89	83	72	54	94
64	64	60	76	85	90	96	92	91	92	75	74	69	96
65	65	67	70	79	91	93	93	95	92	77	73	70	95
66	66	65	82	84	89	96	100	92	93	77	74	72	100
67	72	69	75	85	82	91	90	90	83	85	72	62	91
68	61	50	83	83	85	94	95	95	86	83	77	66	95
69	60	49	67	89	96	98	97	89	89	84	71	60	98
70	61	60	70	82	89	93	91	92	96	85	66	70	96
71	51	71	72	84	88	91	92	90	86	60	83	72	92
72	65	73	78	85	81	87	94	94	89	75	72	65	94
73	64	63	71	86	83	94	94	96	95	84	77	68	96
74	69	72	79	90	89	90	93	92	87	80	84	63	93
75	74	71	67	79	89	98	92	98	86	86	82	70	98

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4306-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	59	80	81	96	85	94	93	91	91	76	71	57	96
77	47	72	82	86	89	92	98	96	92	80	75	59	98
78	60	49	77	87	85	93	97	92	90	83	76	73	97
79	64	54	84	78	87	86	90	94	87	88	76	72	94
80	56	59	70	80	90	94	100	97	98	83	72	73	100
81	60	71	80	87	88	96	94	90	90	85	72	62	96
82	58	64	70	80	86	88	94	89	87	81	82	74	94
83	58	58	78	88	81	90	96	101	99	85	73	57	101
84	60	67	65	77	88	96	93	90	92	85	70	76	96
85	65	75	80	91	92	90	94	96	97	83	78	64	97
86	66	63	82	78	88	93	96	94	90	88	75	61	96
87	61	50	71	84	90	92	102	96	86	73	77	65	102
88	59	67	76	76	90	101	105	99	88	78	68	70	105
89	61	70	85	79	85	95							95*
.....													
GREATEST	77	80	87	96	96	101	105	101	100	92	84	76	105
.....													
TOTAL OBS	1426	1300	1426	1380	1426	1392	1425	1425	1380	1426	1380	1426	16812
.....													

THE GREATEST VALUE OF 105 OCCURRED ON 07/16/88

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4306-8906

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43						57*	55	57	41	38	24	12	12*
44	14	16	18	29	46	49	58	54	51	32	27	15	14
45	10	15	30	33	34	43	55	54	52	35	24	10	10
46	10	17	28	32	42	50	57	52	46	40	28	16	10
47	9	5	22	33	33	47	56	60	39	38	25	20	5
48	2	10	16	32	44	52	56	56	48	33	31	11	2
49	19	21	22	34	42	50	62	56	45	39	24	19	19
50	20	16	12	23	42	49	58	57	42	38	15	11	11
51	16	9	25	33	47	53	59	55	42	40	21	9	9
52	14	25	22	34	44	55	54	53	48	28	23	18	14
53	24	20	21	30	49	50	62	58	47	38	28	17	17
54	11	16	23	27	40	53	60	59	50	33	29	17	11
55	10	7	22	35	40	50	61	59	46	34	13	12	7
56	16	19	22	27	34	52	56	55	40	35	20	21	16
57	1	20	23	31	37	51	56	52	38	33	24	12	1
58	11	3	26	36	42	49	62	55	46	36	17	10	3
59	5	10	23	33	44	51	60	57	46	36	20	16	5
60	18	16	15	33	41	53	59	60	50	33	28	8	8
61	7	3	23	30	39	51	57	59	48	37	30	18	3
62	8	8	15	32	43	58	56	56	44	30	28	10	8
63	4	7	25	35	37	48	57	52	38	37	30	11	4
64	8	16	23	27	44	46	60	48	44	30	21	20	8
65	3	6	14	29	47	50	58	50	48	30	24	18	3
66	8	3	23	29	33	48	57	59	47	32	26	11	3
67	12	5	16	27	40	45	58	57	44	32	21	7	5
68	3	11	18	35	43	53	59	52	47	30	28	11	3
69	13	20	22	25	43	57	64	56	47	28	22	19	13
70	-3	11	21	33	39	51	56	57	45	39	19	18	-3
71	9	11	26	33	40	56	56	53	48	44	26	20	9
72	3	14	21	27	42	45	57	54	47	28	22	16	3
73	14	9	28	29	39	55	60	59	52	37	26	20	9
74	17	9	25	30	41	53	56	56	42	33	24	26	9
75	19	19	25	30	46	55	61	61	48	35	30	17	17

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4306-8906

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	7	12	22	30	40	50	60	52	45	30	17	12	7
77	2	13	27	27	39	42	54	55	47	34	23	9	2
78	8	13	13	36	41	47	55	59	45	36	31	19	8
79	10	-4	19	32	38	45	48	52	48	33	26	21	-4
80	18	9	10	31	42	47	60	59	46	35	25	9	9
81	3	13	22	31	40	56	59	56	43	32	25	13	3
82	-5	19	23	24	44	57	58	45	47	34	27	19	-5
83	15	5	24	32	41	53	57	56	43	32	29	6	5
84	-4	20	22	31	38	45	54	55	46	44	25	22	-4
85	-3	18	22	25	40	51	56	54	45	34	34	12	-3
86	12	15	14	35	36	44	54	45	43	35	21	19	12
87	-1	14	22	29	39	48	58	53	47	33	25	21	-1
88	0	10	20	36	40	43	47	55	48	29	28	11	0
89	19	16	21	30	39	58							16*

LEAST	-5	-4	10	23	33	42	47	45	38	28	13	6	-5
TOTAL OBS	1426	1300	1426	1380	1426	1392	1425	1425	1380	1426	380	1426	16812

THE LEAST VALUE OF -5 OCCURRED ON 01/17/82

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4306-8906
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43						81*	77	78	67	55	45	36	61*
44	36	36	42	52	70	73	78	75	70	56	46	33	56
45	29	37	55	58	62	73	75	74	71	57	48	31	56
46	35	37	52	54	64	71	75	71	70	61	51	40	57
47	40	30	38	56	64	70	74	78	69	63	45	35	55
48	27	35	47	55	63	72	76	75	69	56	51	38	55
49	41	42	45	53	64	73	79	76	66	62	47	40	58
50	47	37	40	51	62	72	74	74	65	59	46	34	55
51	38	37	44	55	64	73	78	77	70	61	43	40	57
52	40	40	42	56	63	76	80	76	68	55	48	38	57
53	40	41	46	55	69	74	79	76	70	61	49	41	58
54	36	43	44	60	63	74	78	75	73	62	45	37	58
55	35	37	47	57	66	69	81	77	68	59	45	32	56
56	34	40	42	53	62	72	75	75	66	59	46	45	56
57	32	40	44	58	65	75	77	73	70	53	48	40	56
58	33	30	40	55	63	69	78	75	68	58	49	31	54
59	34	37	44	57	68	74	77	78	72	61	46	41	58
60	36	37	34	60	62	73	75	77	69	58	49	31	55
61	30	38	47	51	61	72	78	76	75	60	50	37	56
62	35	34	43	55	67	73	73	75	66	59	44	32	55
63	32	31	48	57	62	71	75	73	64	59	49	31	54
64	36	35	45	52	65	72	76	71	67	53	50	43	55
65	34	36	40	52	69	71	76	75	71	57	48	40	56
66	31	35	46	50	63	73	78	76	66	55	48	36	55
67	39	32	43	56	58	72	75	73	65	55	42	38	54
68	30	33	48	57	62	72	77	77	69	59	49	35	56
69	33	36	42	58	67	76	78	75	69	57	46	36	56
70	28	35	40	54	66	72	77	76	73	61	48	38	56
71	31	38	42	54	62	74	76	74	71	63	47	45	56
72	38	35	44	53	63	68	76	75	69	53	44	42	55
73	36	35	49	55	62	76	78	79	73	60	49	41	58
74	41	37	47	57	63	68	75	75	68	57	51	42	57
75	41	41	45	53	68	75	77	79	68	63	54	40	59

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: +05

PERIOD OF RECORD: 4306-8906

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	31	47	49	59	63	76	77	74	67	54	42	35	56
77	24	38	51	57	65	70	78	78	71	55	49	35	56
78	29	27	43	56	62	72	75	78	69	57	51	40	55
79	33	26	49	53	64	67	75	76	69	57	53	43	56
80	36	33	42	57	67	71	78	79	73	57	45	38	56
81	30	40	43	59	63	75	76	73	68	55	47	35	55
82	26	36	43	52	67	71	77	72	67	58	50	45	55
83	37	37	46	53	63	72	78	78	70	59	49	34	56
84	30	42	40	52	62	73	74	77	67	65	46	46	56
85	31	38	46	58	66	71	77	74	70	60	54	36	57
86	34	34	45	53	65	74	79	74	68	59	46	39	56
87	34	34	45	53	64	73	80	75	70	53	49	41	56
88	29	37	46	53	65	73	81	77	65	52	48	39	56
89	40	37	46	54	62	76							52*
MEAN	34.1	36.4	44.6	54.9	64.1	72.5	76.9	75.5	68.9	58.0	47.8	37.9	56.1
TOTAL OBS	1426	1300	1426	1380	1426	1392	1425	1425	1380	1426	1380	1426	16812

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	30.3	10.346	929	5	513	0	0	0	929
03-05	29.2	10.415	930	9	539	0	0	0	930
06-08	28.6	10.252	930	8	550	0	0	0	930
09-11	32.7	9.949	930	3	398	0	0	0	930
12-14	36.9	10.278	930	1	299	2	0	0	930
15-17	37.3	10.178	930	0	287	1	0	0	930
18-20	33.3	9.848	929	3	412	0	0	0	929
21-23	31.4	10.338	930	0	489	2	0	0	930
ALL HOURS	32.5	10.631	7438	29	3487	5	0	0	7438

MONTH: FEB

00-02	33.7	9.440	847	0	447	2	0	0	847
03-05	32.7	9.491	849	0	484	0	0	0	849
06-08	32.2	9.543	849	0	478	0	0	0	849
09-11	36.9	9.234	849	0	288	1	0	0	849
12-14	41.2	9.885	849	0	157	16	0	0	849
15-17	42.1	9.807	849	0	134	20	0	0	849
18-20	37.8	8.861	848	0	252	4	0	0	848
21-23	35.0	9.004	849	0	375	3	0	0	849
ALL HOURS	36.4	10.061	6789	0	2615	46	0	0	6789

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	40.0	9.814	930	0	212	14	0	0	930
03-05	38.6	9.744	930	0	262	7	0	0	930
06-08	39.0	9.800	930	0	249	7	0	0	930
09-11	45.4	10.718	930	0	88	42	1	0	930
12-14	50.1	11.592	930	0	44	109	11	0	930
15-17	51.2	11.383	930	0	31	118	14	0	930
18-20	46.4	10.259	930	0	63	51	1	0	930
21-23	42.5	9.740	930	0	128	24	0	0	930
ALL HOURS	44.1	11.336	7440	0	1077	372	27	0	7440

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	49.2	8.077	900	0	19	30	0	0	900
03-05	47.2	8.097	900	0	26	17	0	0	900
06-08	49.2	8.216	900	0	16	29	0	0	900
09-11	56.6	9.188	900	0	2	180	9	0	900
12-14	61.1	10.223	900	0	0	317	39	0	900
15-17	62.0	10.463	900	0	1	350	50	0	900
18-20	56.9	9.313	900	0	3	188	7	0	900
21-23	52.1	8.401	900	0	6	71	0	0	900
ALL HOURS	54.3	10.505	7200	0	73	1182	105	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	58.5	7.487	930	0	0	226	0	0	930
03-05	56.4	7.725	930	0	0	151	0	0	930
06-08	59.7	7.404	930	0	0	254	1	0	930
09-11	67.2	8.342	930	0	0	564	66	0	930
12-14	71.6	9.224	930	0	0	715	220	0	930
15-17	72.0	9.193	929	0	0	721	243	0	929
18-20	66.7	8.227	930	0	0	551	60	0	930
21-23	61.1	7.592	930	0	0	321	0	0	930
ALL HOURS	64.1	9.897	7439	0	0	3503	590	0	7439

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	67.0	6.486	900	0	0	596	10	0	900
03-05	65.1	6.496	900	0	0	513	0	0	900
06-08	68.8	6.246	900	0	0	672	21	0	900
09-11	76.3	6.957	900	0	0	840	320	7	900
12-14	80.3	7.343	900	0	0	874	516	31	900
15-17	80.4	7.257	900	0	0	868	526	30	900
18-20	75.3	6.810	898	0	0	830	232	5	898
21-23	69.4	6.230	897	0	0	702	30	0	897
ALL HOURS	72.8	8.801	7195	0	0	5895	1655	73	7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	71.4	5.543	930	0	0	826	44	0	930
03-05	70.0	5.688	929	0	0	773	25	0	929
06-08	73.3	5.505	930	0	0	874	113	0	930
09-11	80.5	6.149	929	0	0	928	536	20	929
12-14	84.7	6.710	930	0	0	930	732	106	930
15-17	84.9	6.873	930	0	0	927	737	111	930
18-20	79.4	6.342	930	0	0	923	454	20	930
21-23	73.6	5.394	930	0	0	882	114	0	930
ALL HOURS	77.2	8.195	7438	0	0	7063	2755	257	7438

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	69.8	5.671	930	0	0	774	16	0	930
03-05	68.3	5.901	930	0	0	717	2	0	930
06-08	70.6	6.033	929	0	0	784	45	0	929
09-11	77.9	6.289	930	0	0	915	395	2	930
12-14	82.2	6.822	930	0	0	922	613	51	930
15-17	82.3	6.880	930	0	0	927	624	60	930
18-20	76.4	6.462	930	0	0	903	292	5	930
21-23	71.5	5.759	930	0	0	832	54	0	930
ALL HOURS	74.9	8.170	7439	0	0	6774	2041	118	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	63.4	7.445	900	0	0	427	1	0	900
03-05	61.8	7.667	900	0	0	371	0	0	900
06-08	63.5	7.549	899	0	0	430	7	0	899
09-11	71.7	7.630	900	0	0	739	142	3	900
12-14	76.1	8.150	900	0	0	844	310	24	900
15-17	76.0	8.001	900	0	0	847	293	24	900
18-20	69.2	7.497	900	0	0	658	79	2	900
21-23	65.2	7.364	900	0	0	502	19	0	900
ALL HOURS	68.4	9.348	7199	0	0	4818	851	53	7199

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	52.7	8.941	930	0	0	85	0	0	930
03-05	51.2	9.115	930	0	6	71	0	0	930
06-08	52.2	8.871	930	0	4	82	0	0	930
09-11	59.8	8.252	930	0	0	260	10	0	930
12-14	64.6	8.978	930	0	0	442	55	0	930
15-17	64.1	8.824	930	0	0	432	44	0	930
18-20	56.9	8.507	930	0	0	179	2	0	930
21-23	54.1	8.741	930	0	0	113	0	0	930
ALL HOURS	57.0	10.125	7440	0	10	1664	111	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	45.3	9.075	900	0	63	14	0	0	900
03-05	44.1	9.194	900	0	99	12	0	0	900
06-08	43.9	9.145	900	0	103	8	0	0	900
09-11	50.4	8.839	900	0	13	65	0	0	900
12-14	55.2	9.742	900	0	6	164	3	0	900
15-17	54.3	9.479	900	0	6	136	3	0	900
18-20	48.9	8.809	900	0	20	43	0	0	900
21-23	46.8	9.030	900	0	42	22	0	0	900
ALL HOURS	48.6	10.030	7200	0	352	464	6	0	7200

MONTH: DEC

00-02	37.3	10.462	930	0	307	7	0	0	930
03-05	36.2	10.472	930	0	340	3	0	0	930
06-08	35.6	10.368	930	0	354	3	0	0	930
09-11	40.1	10.097	928	0	184	15	0	0	928
12-14	44.3	10.609	930	0	114	48	0	0	930
15-17	43.6	10.342	929	0	129	34	0	0	929
18-20	39.5	10.076	930	0	206	16	0	0	930
21-23	38.1	10.305	930	0	259	14	0	0	93
ALL HOURS	39.3	10.797	7437	0	1893	140	0	0	7437

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	51.6	16.210	10956	5	1561	3001	71	0	10956
03-05	50.1	16.094	10958	9	1756	2635	27	0	10958
06-08	51.5	17.249	10957	8	1754	3143	187	0	10957
09-11	58.0	18.302	10956	3	973	4549	1479	32	10956
12-14	62.5	18.588	10959	1	620	5383	2499	212	10959
15-17	62.6	18.496	10957	0	588	5381	2534	225	10957
18-20	57.3	17.668	10955	3	956	4346	1127	32	10955
21-23	53.5	16.436	10956	0	1299	3488	217	0	10956
ALL HOURS	55.9	18.012	87654	29	9507	31926	8141	501	87654

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL			
				LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
00-02	27.0	9.623	926	628	6	0	0	0	926
03-05	26.1	9.798	927	672	3	0	0	0	927
06-08	25.7	9.779	927	707	3	0	0	0	927
09-11	28.7	9.216	930	577	7	0	0	0	930
12-14	31.5	9.117	930	463	20	0	0	0	930
15-17	31.7	8.960	930	468	28	0	0	0	930
18-20	29.1	9.222	925	582	16	0	0	0	925
21-23	27.8	9.673	927	620	16	0	0	0	927
ALL HOURS	28.4	9.635	7422	4717	99	0	0	0	7422

MONTH: FEB

00-02	30.5	9.567	847	545	49	0	0	0	847
03-05	29.8	9.697	849	551	38	0	0	0	849
06-08	29.4	9.693	849	572	29	0	0	0	849
09-11	32.7	9.447	849	458	47	0	0	0	849
12-14	35.4	9.447	849	366	82	0	0	0	849
15-17	35.8	9.221	848	330	90	0	0	0	848
18-20	33.1	8.938	848	447	52	0	0	0	848
21-23	31.3	9.136	849	529	44	0	0	0	849
ALL HOURS	32.3	9.681	6788	3798	431	0	0	0	6788

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	35.6	9.425	930	373	76	0	0	0	930
03-05	34.7	9.516	930	417	69	0	0	0	930
06-08	35.1	9.601	930	382	82	0	0	0	930
09-11	39.3	9.733	929	215	156	1	0	0	929
12-14	41.9	9.640	930	138	202	3	0	0	930
15-17	42.3	9.174	928	114	205	2	0	0	928
18-20	39.4	9.032	930	194	142	0	0	0	930
21-23	37.3	9.131	930	295	96	0	0	0	930
ALL HOURS	38.2	9.811	7437	2128	1028	6	0	0	7437

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	44.0	7.932	900	57	232	0	0	0	900
03-05	42.8	8.093	900	93	205	0	0	0	900
06-08	44.4	8.079	899	64	255	0	0	0	899
09-11	48.4	7.951	899	18	387	3	0	0	899
12-14	50.7	8.148	900	12	476	19	0	0	900
15-17	50.9	8.076	900	12	495	17	0	0	900
18-20	48.3	7.968	900	18	374	4	0	0	900
21-23	45.9	7.954	900	34	305	0	0	0	900
ALL HOURS	46.9	8.508	7198	308	2729	43	0	0	7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	54.3	7.833	930	0	659	38	0	0	930
03-05	52.9	8.104	930	3	614	13	0	0	930
06-08	55.3	7.641	930	1	701	59	3	0	930
09-11	58.9	7.600	930	0	820	180	23	0	930
12-14	60.7	7.496	930	0	859	248	44	0	930
15-17	60.7	7.405	929	0	864	245	50	0	929
18-20	58.6	7.530	930	0	806	144	16	0	930
21-23	56.1	7.799	930	0	711	72	2	0	930
ALL HOURS	57.2	8.163	7439	4	6034	999	138	0	7439

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	62.6	6.550	900	0	865	294	29	0	900
03-05	61.3	6.752	900	0	846	236	12	0	900
06-08	63.7	6.375	900	0	880	355	51	0	900
09-11	66.7	6.470	900	0	897	500	204	1	900
12-14	68.0	6.274	900	0	900	547	273	3	900
15-17	67.9	6.010	900	0	900	549	240	2	900
18-20	66.3	5.874	898	0	897	478	137	2	898
21-23	63.9	6.256	897	0	880	356	56	0	897
ALL HOURS	65.1	6.770	7195	0	7065	3315	1002	8	7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	67.1	5.245	930	0	925	566	119	0	930
03-05	66.3	5.551	929	0	922	518	86	0	929
06-08	68.2	5.110	930	0	929	643	190	0	930
09-11	70.9	4.954	929	0	929	761	407	16	929
12-14	71.8	4.826	930	0	930	787	464	29	930
15-17	71.7	4.671	930	0	930	776	453	23	930
18-20	70.3	4.763	930	0	930	745	343	12	930
21-23	68.3	4.878	930	0	930	652	192	0	930
ALL HOURS	69.3	5.391	7438	0	7425	5448	2254	80	7438

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	65.8	5.871	927	0	909	492	95	0	927
03-05	64.8	6.230	924	0	898	431	61	0	924
06-08	66.3	6.062	921	0	907	517	129	0	921
09-11	69.4	5.585	921	0	919	677	324	2	921
12-14	70.4	5.531	923	0	923	711	388	13	923
15-17	70.2	5.440	923	0	923	702	359	15	923
18-20	68.5	5.518	926	0	923	626	245	2	926
21-23	66.6	5.792	927	0	913	530	139	0	927
ALL HOURS	67.7	6.143	7392	0	7315	4686	1740	32	7392

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	59.7	7.667	895	0	801	188	23	0	895
03-05	58.7	8.025	897	0	768	183	14	0	897
06-08	60.0	7.784	897	0	794	215	28	0	897
09-11	63.9	7.157	900	0	876	345	112	3	900
12-14	65.0	6.858	900	0	890	404	144	0	900
15-17	64.8	6.730	897	0	884	390	140	1	897
18-20	62.6	7.065	900	0	866	303	79	0	900
21-23	60.7	7.359	898	0	823	224	34	0	898
ALL HOURS	61.9	7.690	7184	0	6702	2252	574	4	7184

MONTH: OCT

00-02	49.1	9.275	930	16	433	24	0	0	930
03-05	48.0	9.523	930	30	382	22	0	0	930
06-08	48.8	9.380	930	24	404	28	0	0	930
09-11	53.2	8.677	930	3	559	74	5	0	930
12-14	55.0	8.775	929	2	637	119	17	0	929
15-17	54.7	8.740	930	0	635	122	12	0	930
18-20	51.6	8.920	930	1	505	53	1	0	930
21-23	49.8	9.067	930	5	455	26	0	0	930
ALL HOURS	51.3	9.417	7439	81	4010	468	35	0	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	41.6	9.259	900	153	187	0	0	0	900
03-05	40.7	9.397	900	195	166	0	0	0	900
06-08	40.7	9.441	900	191	163	3	0	0	900
09-11	45.1	8.963	900	52	261	12	0	0	900
12-14	47.3	9.137	900	24	352	21	0	0	900
15-17	46.7	8.974	900	28	331	9	0	0	900
18-20	43.8	9.029	900	76	230	0	0	0	900
21-23	42.5	9.238	900	123	202	0	0	0	900
ALL HOURS	43.5	9.471	7200	842	1892	45	0	0	7200

MONTH: DEC

00-02	33.6	10.282	930	454	68	0	0	0	930
03-05	32.8	10.364	930	499	74	0	0	0	930
06-08	32.4	10.387	929	524	78	0	0	0	929
09-11	35.7	10.021	928	342	88	0	0	0	928
12-14	38.0	9.972	928	238	109	2	0	0	928
15-17	37.5	9.795	927	259	97	2	0	0	927
18-20	35.0	9.860	930	387	79	0	0	0	930
21-23	34.2	10.142	930	431	71	0	0	0	930
ALL HOURS	34.9	10.279	7432	3134	664	4	0	0	7432

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	47.7	16.007	10945	2226	5210	1602	266	0	10945
03-05	46.6	16.040	10946	2460	4985	1403	173	0	10946
06-08	47.6	16.740	10942	2465	5225	1820	401	0	10942
09-11	51.1	16.468	10945	1665	5946	2553	1075	22	10945
12-14	53.0	15.920	10949	1243	6380	2861	1330	45	10949
15-17	53.0	15.754	10942	1211	6382	2814	1254	41	10942
18-20	50.6	16.113	10947	1705	5820	2353	821	16	10947
21-23	48.8	15.996	10948	2037	5446	1860	423	0	10948
ALL HOURS	49.8	16.300	87564	15012	45394	17266	5743	124	87564

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	18.9	12.581	926	701	50	923	0	926
03-05	18.5	12.696	927	706	54	924	0	927
06-08	18.1	12.703	927	720	56	925	0	927
09-11	19.9	12.524	930	684	77	930	0	930
12-14	20.6	12.724	930	652	89	928	0	930
15-17	20.4	12.807	930	665	87	927	0	930
18-20	19.8	12.854	925	686	77	922	0	925
21-23	19.3	12.754	927	697	64	924	0	927
ALL HOURS	19.4	12.741	7422	5511	554	7403	0	7422

MONTH: FEB

00-02	23.6	13.006	847	548	148	839	0	849
03-05	23.1	13.113	849	545	151	848	0	849
06-08	22.8	13.081	849	563	149	849	0	849
09-11	24.4	13.526	849	506	174	843	0	849
12-14	25.0	13.808	849	494	179	838	0	849
15-17	24.8	13.665	848	520	173	836	0	849
18-20	24.0	13.080	848	548	144	844	0	849
21-23	23.7	12.719	849	561	141	845	0	849
ALL HOURS	23.9	13.291	6788	4285	1259	6742	0	6788

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	28.3	12.343	930	453	241	916	0	930
03-05	28.0	12.413	930	460	226	917	0	930
06-08	28.5	12.568	930	441	231	921	0	930
09-11	30.2	13.030	929	395	294	914	0	929
12-14	30.5	12.970	930	410	300	911	0	930
15-17	30.0	12.909	928	414	282	909	0	928
18-20	29.2	12.536	930	433	259	918	0	930
21-23	29.0	12.159	930	436	249	916	0	930
ALL HOURS	29.2	12.666	7437	3442	2082	7322	0	7437

MONTH: APR

00-02	37.5	10.940	900	171	489	872	0	900
03-05	37.0	10.935	900	173	468	880	0	900
06-08	38.4	10.886	899	144	511	869	0	900
09-11	39.3	11.448	899	141	511	829	2	900
12-14	39.7	11.792	900	148	516	817	2	900
15-17	39.2	11.953	900	152	510	819	4	900
18-20	38.5	11.741	900	165	505	844	3	900
21-23	38.7	11.241	900	152	530	851	0	900
ALL HOURS	38.5	11.424	7198	1246	4040	6781	11	7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	50.4	9.877	930	11	839	601	52	930
03-05	49.7	9.871	930	11	832	618	30	930
06-08	51.4	9.780	930	11	853	566	64	930
09-11	52.3	10.708	930	16	851	520	100	930
12-14	52.3	10.884	930	13	841	519	109	930
15-17	52.0	10.998	929	17	841	523	106	929
18-20	52.0	10.748	930	18	843	518	93	930
21-23	51.7	10.000	930	10	859	543	74	930
ALL HOURS	51.5	10.427	7439	107	6759	4408	628	7439

MONTH: JUN

00-02	59.7	7.852	900	0	895	267	299	900
03-05	58.7	8.030	900	1	895	291	246	900
06-08	60.2	8.065	900	0	897	249	337	900
09-11	60.7	8.848	900	0	896	245	372	900
12-14	60.6	9.045	900	0	897	259	374	900
15-17	60.4	8.871	900	0	899	264	348	900
18-20	60.7	8.360	898	0	898	240	352	900
21-23	60.4	7.821	897	0	891	238	323	900
ALL HOURS	60.2	8.414	7195	1	7168	2053	2651	7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	64.5	6.276	930	0	929	83	533	930
03-05	64.0	6.451	929	0	927	98	515	929
06-08	65.4	6.273	930	0	930	75	591	930
09-11	65.8	6.709	929	0	929	82	580	929
12-14	65.1	7.025	930	0	930	100	539	930
15-17	64.8	7.056	930	0	930	114	538	930
18-20	65.4	6.593	930	0	930	80	578	930
21-23	65.3	5.890	930	0	930	65	578	930
ALL HOURS	65.0	6.590	7438	0	7435	697	4452	7438

MONTH: AUG

00-02	63.3	7.092	927	0	924	111	478	923
03-05	62.6	7.247	924	0	921	128	415	923
06-08	63.7	7.159	921	0	919	110	467	923
09-11	64.6	7.340	921	0	918	103	505	923
12-14	64.0	7.504	923	0	920	124	472	923
15-17	63.6	7.520	923	0	922	139	459	923
18-20	63.9	7.269	926	0	926	120	486	923
21-23	63.6	7.090	927	0	925	121	486	923
ALL HOURS	6.7	7.335	7392	0	7375	956	3768	7392

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	57.1	8.853	895	0	888	389	219	895
03-05	56.4	9.128	897	0	886	411	206	897
06-08	57.4	8.969	897	0	891	368	235	897
09-11	58.6	9.201	900	0	895	316	276	900
12-14	57.7	9.306	900	0	888	338	239	900
15-17	57.5	9.331	897	0	886	354	235	897
18-20	58.0	8.950	900	0	893	349	246	900
21-23	57.5	8.711	898	0	895	388	221	898
ALL HOURS	57.5	9.101	7184	0	7122	2913	1877	7184

MONTH: OCT

00-02	45.2	11.201	930	48	688	727	38	929
03-05	44.5	11.359	930	53	665	734	33	929
06-08	45.1	11.260	930	48	689	731	37	929
09-11	46.7	11.635	930	31	724	686	61	929
12-14	46.2	12.343	929	57	694	677	70	929
15-17	46.0	12.501	930	63	679	679	74	929
18-20	46.1	11.525	930	40	708	700	55	929
21-23	45.4	11.160	930	42	696	721	38	929
ALL HOURS	45.6	11.674	7439	382	5543	5655	406	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	36.5	11.765	900	228	430	835	0	900
03-05	36.1	11.738	900	245	416	839	1	900
06-08	36.2	11.744	900	250	416	836	5	900
09-11	38.4	12.098	900	187	488	813	9	900
12-14	38.2	12.727	900	207	464	793	6	900
15-17	37.5	12.742	900	225	437	807	2	900
18-20	37.1	12.052	900	206	432	818	1	900
21-23	36.7	11.964	900	225	421	824	0	900
ALL HOURS	37.1	12.147	7200	1773	3504	6565	24	7200

MONTH: DEC

00-02	26.8	13.394	928	501	203	905	0	928
03-05	26.2	13.330	930	530	197	913	3	928
06-08	26.0	13.409	929	548	192	912	2	928
09-11	27.8	13.811	928	468	222	908	0	928
12-14	27.8	14.096	928	477	232	910	2	928
15-17	27.6	13.891	927	484	238	903	1	928
18-20	27.2	13.358	930	495	208	909	0	928
21-23	27.1	13.349	930	506	206	904	0	928
ALL HOURS	27.1	13.606	7432	4009	1698	7264	8	7432

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	42.8	18.902	10945	2661	6724	7468	1619	10945
03-05	42.1	18.864	10946	2724	6638	7601	1449	10946
06-08	42.9	19.339	10942	2725	6734	7411	1738	10942
09-11	44.1	19.230	10945	2428	6979	7189	1905	10945
12-14	44.0	19.052	10949	2458	6950	7214	1813	10949
15-17	43.7	19.049	10942	2540	6884	7274	1767	10942
18-20	43.6	19.173	10947	2591	6823	7262	1814	10947
21-23	43.3	18.995	10948	2629	6807	7340	1720	10948
ALL HOURS	43.3	19.087	87564	20756	54539	58759	13825	87564

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 80
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.9	98.4	91.9	72.4	52.8	29.6	17.0	6.0	61.4	926
03-05	100.0	100.0	98.5	91.6	76.3	57.2	34.4	17.3	6.3	62.8	927
06-08	100.0	100.0	99.1	93.2	78.0	56.4	35.7	18.3	6.4	63.2	927
09-11	100.0	99.6	97.0	85.2	62.5	43.1	28.6	17.0	6.3	58.6	930
12-14	100.0	99.0	89.9	68.8	44.6	32.2	20.4	13.8	4.6	51.9	930
15-17	100.0	98.6	87.5	66.1	44.5	28.6	20.2	13.9	4.9	51.1	930
18-20	100.0	99.5	95.7	82.1	59.4	37.4	25.5	17.5	6.1	57.0	925
21-23	100.0	99.7	97.8	88.7	68.4	46.4	27.3	17.8	7.0	59.8	927
ALL HOURS	100.0	99.5	95.5	83.4	63.2	44.2	27.7	16.6	6.0	59.8	7422

MONTH: FEB

00-02	100.0	100.0	99.3	93.7	75.6	61.6	40.4	27.0	11.9	65.7	847
03-05	100.0	100.0	99.1	95.4	79.7	61.4	44.3	28.7	12.1	66.8	849
06-08	100.0	100.0	99.8	95.9	80.3	60.7	44.9	29.8	11.5	67.1	849
09-11	100.0	100.0	97.6	83.7	63.3	46.1	33.5	22.9	10.7	60.5	849
12-14	100.0	99.5	89.9	67.7	46.9	32.4	25.9	17.7	7.1	53.5	849
15-17	100.0	98.7	84.3	62.0	44.8	32.5	24.2	15.6	6.3	51.6	848
18-20	100.0	100.0	95.2	76.4	58.8	42.0	29.4	19.1	6.7	57.5	848
21-23	100.0	100.0	98.6	88.2	71.1	53.0	35.2	22.4	8.6	62.5	849
ALL HOURS	100.0	99.8	95.5	82.9	65.1	48.7	34.7	22.9	9.4	62.5	6788

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	98.3	92.8	74.4	53.8	35.6	20.8	8.0	62.9	930
03-05	100.0	100.0	99.0	94.9	79.2	60.8	40.1	24.4	8.3	65.3	930
06-08	100.0	100.0	99.2	94.4	80.6	61.3	42.3	26.8	9.0	66.0	930
09-11	100.0	100.0	94.1	80.4	57.8	38.9	25.9	16.9	6.4	56.6	929
12-14	100.0	97.8	85.7	60.2	38.4	24.8	18.7	13.5	6.6	49.1	930
15-17	100.0	96.7	76.8	53.9	34.3	23.8	17.9	13.5	5.9	46.8	928
18-20	100.0	99.2	90.4	69.2	47.4	31.7	22.0	15.3	6.1	52.8	930
21-23	100.0	100.0	97.3	86.1	65.5	44.4	28.7	17.2	6.3	59.2	930
ALL HOURS	100.0	99.2	92.6	79.0	59.7	42.4	28.9	18.5	7.1	59.2	7437

MONTH: APR

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	99.7	98.3	91.2	81.6	60.4	43.3	25.9	9.8	65.7	900
03-05	100.0	100.0	98.8	94.8	85.3	70.1	51.0	32.1	13.1	69.1	900
06-08	100.0	100.0	98.6	94.0	82.8	67.9	48.5	29.1	12.3	68.1	899
09-11	100.0	99.8	92.5	75.0	54.4	36.3	24.7	17.1	9.2	55.4	899
12-14	100.0	98.9	83.8	56.2	39.8	26.8	18.3	11.2	6.6	48.5	900
15-17	100.0	97.6	75.3	52.0	36.8	25.2	18.1	11.4	5.9	46.8	900
18-20	100.0	99.2	88.6	69.4	49.7	35.6	25.1	14.4	6.8	53.3	900
21-23	100.0	99.7	96.9	87.8	74.4	53.6	36.3	20.8	8.3	62.4	900
ALL HOURS	100.0	99.3	91.6	77.5	63.1	47.0	33.2	20.3	9.0	62.4	7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO							90%	MEAN	TOTAL OBS
			30%	40%	50%	60%	70%	80%				
00-02	100.0	100.0	100.0	98.3	95.2	85.9	66.8	45.6	22.5	75.9		930
03-05	100.0	100.0	100.0	99.2	97.5	91.1	76.0	54.3	29.2	79.2		930
06-08	100.0	100.0	100.0	98.8	93.1	81.6	66.0	48.0	24.0	75.6		930
09-11	100.0	100.0	98.3	86.6	67.6	49.6	35.1	21.3	10.6	61.6		930
12-14	100.0	100.0	91.1	72.9	50.5	34.9	23.8	14.1	6.7	53.9		930
15-17	100.0	99.7	89.6	68.5	48.3	35.0	24.2	14.6	6.9	53.2		929
18-20	100.0	99.9	96.3	85.8	69.2	53.0	37.8	24.3	11.0	62.2		930
21-23	100.0	100.0	100.0	97.5	92.7	79.4	58.2	38.6	16.8	72.6		930
ALL HOURS	100.0	99.9	96.9	88.5	76.8	63.8	48.5	32.6	16.0	72.6		7439

MONTH: JUN

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
30-02	100.0	100.0	100.0	99.8	97.9	90.9	79.4	50.7	19.1	78.3	900
03-05	100.0	100.0	100.0	100.0	98.6	94.9	82.2	59.3	26.3	80.6	900
06-08	100.0	100.0	100.0	99.8	96.0	84.2	67.3	43.6	16.4	75.2	900
09-11	100.0	100.0	99.2	91.8	73.9	50.9	28.0	12.0	4.0	60.5	900
12-14	100.0	100.0	96.1	80.9	55.3	29.6	14.8	6.7	2.7	53.1	900
15-17	100.0	100.0	94.7	76.8	53.9	30.7	16.7	7.4	3.3	52.9	900
18-20	100.0	100.0	98.9	90.5	75.8	56.7	36.7	18.0	6.1	62.9	898
21-23	100.0	100.0	99.9	99.3	94.5	86.6	66.4	37.2	11.9	74.3	897
ALL HOURS	100.0	100.0	98.6	92.4	80.7	65.5	49.0	29.4	11.2	74.3	7195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	99.5	94.8	78.8	53.2	25.5	79.8	930
03-05	100.0	100.0	100.0	100.0	99.8	98.3	84.9	58.8	33.3	82.1	929
06-08	100.0	100.0	100.0	100.0	98.7	91.2	70.6	42.8	22.0	77.4	930
09-11	100.0	100.0	100.0	97.0	79.4	53.1	31.1	12.7	4.8	62.6	929
12-14	100.0	100.0	98.1	82.4	54.7	32.6	17.2	5.6	1.9	53.8	930
15-17	100.0	99.9	97.7	78.0	54.4	32.4	16.8	6.0	2.6	53.3	930
18-20	100.0	100.0	99.7	94.2	80.8	59.4	38.2	16.8	7.2	64.3	930
21-23	100.0	100.0	100.0	99.8	98.1	90.8	70.3	40.2	18.1	76.3	930
ALL HOURS	100.0	100.0	99.4	93.9	83.2	69.1	51.0	29.5	14.4	76.3	7438

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	99.0	95.8	85.2	54.3	26.2	80.5	927
03-05	100.0	100.0	100.0	100.0	99.6	96.6	87.6	63.5	32.7	82.5	924
06-08	100.0	100.0	100.0	100.0	98.5	93.9	79.9	51.2	26.0	79.6	921
09-11	100.0	100.0	100.0	97.7	86.9	64.4	33.9	14.7	6.5	65.2	921
12-14	100.0	100.0	99.9	90.8	62.3	36.2	17.2	6.0	2.3	55.9	923
15-17	100.0	100.0	98.9	86.7	59.9	33.2	16.7	6.2	2.2	55.0	923
18-20	100.0	100.0	99.8	97.0	88.3	70.0	43.1	18.9	6.0	66.9	926
21-23	100.0	100.0	100.0	99.5	98.1	92.4	75.6	43.5	16.3	77.1	927
ALL HOURS	100.0	100.0	99.8	96.5	86.6	72.8	54.9	32.3	14.8	77.1	7392

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	99.3	94.0	84.0	61.8	25.4	80.8	895
03-05	100.0	100.0	100.0	100.0	99.9	97.1	88.9	67.9	33.3	83.1	897
06-08	100.0	100.0	100.0	99.9	99.6	94.8	84.4	62.0	28.7	81.3	897
09-11	100.0	100.0	99.9	96.8	82.6	60.8	40.0	19.6	6.4	65.1	900
12-14	100.0	100.0	99.0	85.3	57.3	33.7	19.1	8.1	3.1	54.9	900
15-17	100.0	100.0	98.4	83.9	55.1	35.9	19.3	10.0	4.5	55.1	897
18-20	100.0	100.0	100.0	97.4	87.8	73.6	50.6	25.3	10.4	69.1	900
21-23	100.0	100.0	100.0	99.8	96.7	89.8	76.3	48.3	17.7	77.2	898
ALL HOURS	100.0	100.0	99.7	95.4	84.8	72.4	57.8	37.8	16.2	77.2	7184

MONTH: OCT

00-02	100.0	100.0	100.0	99.6	95.7	87.5	72.0	46.1	17.2	76.4	930
03-05	100.0	100.0	100.0	99.8	97.5	89.8	77.1	51.5	21.4	78.2	930
06-08	100.0	100.0	100.0	99.8	97.2	87.5	74.3	50.5	21.3	77.4	930
09-11	100.0	100.0	100.0	94.2	74.2	55.1	37.4	21.0	9.5	63.6	930
12-14	100.0	100.0	96.6	75.6	49.6	31.8	19.4	12.5	5.9	53.6	929
15-17	100.0	100.0	96.1	76.1	49.7	33.7	20.3	12.9	7.2	54.1	930
18-20	100.0	100.0	99.8	97.7	86.1	70.6	48.4	25.2	11.0	68.4	930
21-23	100.0	100.0	99.9	99.0	93.8	82.0	66.2	33.9	14.1	73.4	930
ALL HOURS	100.0	100.0	99.0	92.7	80.5	67.3	51.9	31.7	13.4	73.4	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.7	97.1	90.0	73.9	57.4	38.8	16.9	72.1	900
03-05	100.0	100.0	99.7	98.6	91.2	78.0	62.9	43.7	19.3	74.0	900
06-08	100.0	100.0	99.9	99.1	93.4	80.0	64.2	43.8	21.0	74.7	900
09-11	100.0	100.0	99.0	91.9	75.7	56.1	40.1	27.6	12.6	64.9	900
12-14	100.0	99.8	94.9	74.8	53.3	33.8	23.9	16.1	7.2	55.0	900
15-17	100.0	99.7	93.9	75.7	54.0	34.4	24.4	16.0	8.4	55.2	900
18-20	100.0	100.0	99.1	92.9	78.3	59.7	40.6	25.0	10.1	65.0	900
21-23	100.0	100.0	99.3	96.2	84.3	68.3	50.0	31.1	13.4	68.7	900
ALL HOURS	100.0	99.9	98.2	90.8	77.5	60.5	45.4	30.3	13.6	68.7	7200

MONTH: DEC

00-02	100.0	100.0	98.8	93.5	78.0	59.7	41.9	25.7	11.3	65.6	930
03-05	100.0	100.0	98.6	95.7	81.9	63.3	44.0	27.6	10.5	66.7	930
06-08	100.0	100.0	99.0	95.9	85.6	62.3	46.4	28.5	12.4	67.6	929
09-11	100.0	99.9	97.2	88.6	67.8	48.2	35.9	22.7	11.2	61.7	928
12-14	100.0	99.2	90.8	73.3	48.4	33.1	21.8	15.9	8.0	53.6	928
15-17	100.0	99.9	92.3	74.3	50.3	33.9	22.9	15.6	7.2	54.1	927
18-20	100.0	100.0	97.6	88.7	71.1	50.2	32.8	19.9	8.0	61.5	930
21-23	100.0	100.0	98.7	92.0	77.0	56.2	39.5	24.4	10.3	64.5	930
ALL HOURS	100.0	99.9	96.6	87.8	70.0	50.9	35.6	22.6	9.9	64.5	7432

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.4	96.5	88.3	76.0	59.6	38.9	16.7	72.1	10945
03-05	100.0	100.0	99.5	97.5	90.6	79.9	64.5	44.1	20.5	74.2	10946
06-08	100.0	100.0	99.6	97.6	90.4	76.9	60.4	39.5	17.6	72.8	10942
09-11	100.0	99.9	97.9	89.1	70.5	50.2	32.8	18.7	8.2	61.4	10945
12-14	100.0	99.5	93.0	74.1	50.1	31.8	20.0	11.7	5.2	53.1	10949
15-17	100.0	99.2	90.5	71.2	48.8	31.6	20.1	11.9	5.4	52.4	10942
18-20	100.0	99.8	96.8	86.9	71.1	53.4	35.9	20.0	8.0	61.8	10947
21-23	100.0	99.9	99.0	94.5	84.6	70.3	52.6	31.3	12.4	69.0	10948
ALL HOURS	100.0	99.8	97.0	88.4	74.3	58.8	43.2	27.0	11.8	64.6	87564

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	FFFFF
PP	AAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	1019.1	1019.1	1017.1	1014.4	1015.2	1014.8	1016.0	1016.9	1018.7	1019.7	1019.4	1019.9	1017.5
	SD	9.080	8.932	8.961	7.320	5.514	4.790	4.098	4.174	5.522	6.738	8.103	8.362	7.301
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0400	MEAN	1019.1	1018.8	1016.6	1014.2	1015.0	1014.6	1015.8	1016.7	1018.4	1019.6	1019.3	1020.0	1017.3
	SD	8.972	9.093	9.138	7.566	5.621	4.907	4.130	4.239	5.706	6.869	8.068	8.275	7.388
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	1019.7	1019.6	1017.6	1015.2	1016.1	1015.7	1016.8	1017.7	1019.5	1020.5	1020.0	1020.8	1018.3
	SD	8.999	9.262	9.378	7.803	5.652	4.991	4.176	4.279	5.833	7.044	8.140	8.308	7.460
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1000	MEAN	1020.6	1020.3	1018.1	1015.4	1016.3	1015.8	1017.0	1018.1	1020.0	1021.0	1020.7	1021.8	1018.7
	SD	9.252	9.546	9.622	7.899	5.639	5.036	4.255	4.272	5.789	7.311	8.179	8.340	7.645
	TOT OBS	310	283	309	300	310	300	310	310	300	310	300	310	3652
1300	MEAN	1018.5	1018.8	1016.7	1014.1	1015.2	1014.9	1016.2	1017.1	1018.8	1019.5	1018.9	1019.8	1017.4
	SD	9.345	9.452	9.337	7.662	5.634	4.982	4.235	4.220	5.607	7.279	8.116	8.277	7.486
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	1018.1	1017.9	1015.4	1012.8	1014.1	1013.9	1015.1	1016.0	1017.6	1018.7	1018.4	1019.4	1016.4
	SD	9.317	9.151	8.943	7.385	5.448	4.898	4.300	4.152	5.510	7.174	7.910	8.234	7.395
	TOT OBS	310	283	310	300	310	300	310	310	300	310	299	310	3652
1900	MEAN	1019.1	1018.9	1016.2	1013.4	1014.4	1014.0	1015.3	1016.2	1018.0	1019.5	1019.1	1020.2	1017.0
	SD	9.290	8.895	8.695	7.178	5.248	4.678	4.127	4.085	5.349	7.047	7.936	8.295	7.342
	TOT OBS	310	282	310	300	309	299	310	310	300	310	300	309	3649
2200	MEAN	1019.4	1019.4	1017.0	1014.4	1015.4	1015.1	1016.1	1017.2	1018.8	1020.2	1019.4	1020.4	1017.7
	SD	9.220	8.790	8.759	7.145	5.432	4.632	4.049	4.050	5.385	6.896	7.969	8.343	7.256
	TOT OBS	310	283	310	300	310	299	310	310	299	310	300	310	3651
ALL HOURS	MEAN	1019.2	1019.1	1016.8	1014.2	1015.2	1014.8	1016.0	1017.0	1018.7	1019.8	1019.4	1020.3	1017.6
	SD	9.211	9.167	9.141	7.541	5.570	4.908	4.219	4.235	5.635	7.077	8.080	8.333	7.439
	TOT OBS	2480	2263	2479	2400	2479	2398	2480	2480	2399	2480	2399	2479	29216

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.09	30.09	30.03	29.95	29.98	29.97	30.01	30.03	30.09	30.11	30.10	30.11	30.05
	SD	.266	.262	.264	.216	.162	.142	.120	.122	.162	.198	.238	.245	.214
	TOT OBS	310	283	310	300	309	300	310	310	300	310	300	310	3652
0400	MEAN	30.09	30.08	30.01	29.95	29.98	29.97	30.00	30.03	30.08	30.11	30.10	30.12	30.04
	SD	.263	.267	.269	.224	.166	.144	.122	.124	.167	.201	.237	.243	.216
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	30.10	30.10	30.05	29.98	30.01	30.00	30.03	30.06	30.11	30.13	30.12	30.14	30.07
	SD	.264	.272	.275	.231	.166	.147	.123	.126	.170	.207	.239	.244	.218
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1000	MEAN	30.13	30.12	30.06	29.98	30.01	30.00	30.04	30.07	30.12	30.15	30.14	30.17	30.08
	SD	.271	.280	.283	.233	.166	.149	.126	.125	.169	.215	.241	.245	.224
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	30.07	30.08	30.02	29.94	29.98	29.98	30.02	30.04	30.09	30.10	30.08	30.11	30.04
	SD	.274	.278	.275	.226	.166	.147	.125	.124	.164	.214	.239	.243	.220
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	30.05	30.05	29.98	29.91	29.95	29.95	29.98	30.01	30.06	30.08	30.07	30.10	30.02
	SD	.273	.269	.263	.218	.160	.144	.126	.122	.161	.211	.234	.241	.217
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1900	MEAN	30.08	30.08	30.00	29.92	29.96	29.95	29.99	30.01	30.07	30.11	30.09	30.12	30.03
	SD	.272	.261	.256	.211	.154	.138	.122	.120	.156	.207	.233	.242	.215
	TOT OBS	310	283	310	300	310	299	310	310	300	310	300	308	3650
2200	MEAN	30.09	30.10	30.03	29.95	29.98	29.98	30.01	30.04	30.09	30.13	30.10	30.12	30.05
	SD	.270	.258	.258	.211	.159	.137	.120	.119	.158	.203	.234	.244	.212
	TOT OBS	310	283	310	300	310	299	310	310	299	310	300	310	3651
ALL HOURS	MEAN	30.09	30.09	30.02	29.95	29.98	29.97	30.01	30.04	30.09	30.11	30.10	30.12	30.05
	SD	.270	.269	.269	.222	.164	.145	.124	.124	.165	.208	.238	.244	.218
	TOT OBS	2480	2264	2480	2400	2479	2398	2480	2480	2399	2480	2400	2478	29218

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	29.78	29.78	29.72	29.64	29.67	29.66	29.70	29.72	29.78	29.80	29.79	29.80	29.74
	SD	.265	.261	.262	.215	.161	.141	.120	.122	.161	.197	.237	.245	.213
	TOT OBS	310	283	310	300	309	300	310	310	300	310	300	310	3652
0400	MEAN	29.78	29.77	29.71	29.64	29.67	29.66	29.69	29.72	29.77	29.80	29.79	29.81	29.73
	SD	.262	.266	.267	.222	.164	.144	.121	.124	.167	.200	.236	.242	.215
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	29.79	29.79	29.74	29.67	29.70	29.69	29.72	29.75	29.80	29.82	29.81	29.83	29.76
	SD	.263	.271	.274	.229	.165	.146	.122	.125	.170	.206	.238	.243	.218
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1000	MEAN	29.82	29.81	29.75	29.67	29.70	29.69	29.73	29.76	29.81	29.84	29.83	29.86	29.77
	SD	.270	.279	.282	.232	.165	.148	.125	.125	.169	.214	.240	.244	.223
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	29.76	29.77	29.71	29.64	29.67	29.67	29.71	29.73	29.78	29.79	29.77	29.80	29.73
	SD	.274	.276	.273	.224	.165	.146	.124	.123	.164	.212	.238	.242	.219
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	29.75	29.74	29.67	29.60	29.64	29.64	29.67	29.70	29.75	29.77	29.76	29.79	29.71
	SD	.272	.268	.261	.217	.159	.143	.125	.122	.160	.210	.233	.240	.216
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1900	MEAN	29.78	29.77	29.70	29.62	29.65	29.64	29.68	29.71	29.76	29.80	29.78	29.81	29.72
	SD	.272	.260	.255	.209	.153	.137	.121	.119	.156	.206	.232	.242	.214
	TOT OBS	310	283	310	300	310	299	310	310	300	310	300	308	3650
2200	MEAN	29.78	29.79	29.72	29.64	29.68	29.67	29.70	29.73	29.78	29.82	29.79	29.82	29.74
	SD	.269	.257	.256	.210	.158	.136	.119	.119	.157	.202	.234	.243	.211
	TOT OBS	310	283	310	300	310	299	310	310	299	310	300	310	3651
ALL HOURS	MEAN	29.78	29.78	29.71	29.64	29.67	29.66	29.70	29.73	29.78	29.81	29.79	29.81	29.74
	SD	.269	.268	.267	.221	.163	.144	.123	.124	.164	.207	.237	.243	.217
	TOT OBS	2480	2264	2480	2400	2479	2398	2480	2480	2399	2480	2400	2478	29218

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.5			930	1.2			930	1.3			930	2.6			930
CATEGORY B	5.8	.7	.1	1017	5.4	.6		1044	3.5	.5		1091	7.4	1.4		1099

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	3.9			930	3.5	.1		930	2.3			930	3.1			930
CATEGORY B	11.3	1.3		1089	10.5	1.6	.1	1065	6.9	.7		1034	7.7	.9		1029

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	2.7	.0		4650	2.4	.0		7440
CATEGORY B	7.9	1.1	.0	5378	7.3	.9	.0	8468

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOMES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.9			849	1.4			849	1.4			849	2.4			849
CATEGORY B	5.4	.4		951	5.6	.6		933	6.8	.3		1003	8.1	.4		1024

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	3.1			849	2.7			849	1.6			849	2.4			849
CATEGORY B	10.2	1.5		1021	8.1	.9		1005	6.2	.5		978	6.9	.5		967

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	2.2			4245	2.1			6792
CATEGORY B	7.9	.7		5031	7.2	.6		7882

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.0			930	1.2			930	1.0			930	2.9			930
CATEGORY B	4.7	.5	.1	1016	3.9	.5		1033	4.1	.4	.1	1073	9.6	.9		1046

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	4.6	.2		930	3.4	.3		930	2.0	.1		930	.8			930
CATEGORY B	16.1	1.9	.2	1032	12.2	1.5	.3	1030	7.2	.7	.2	1046	5.2	.4		1017

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	2.8	.1		4650	2.1	.1		7440
CATEGORY B	9.8	1.1	.2	5227	7.9	.8	.1	8293

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.2			900	.6			900	.7			900	2.9			900
CATEGORY B	4.1	.6		1002	2.7	.1		1022	4.3	.2		1063	9.3	1.1		1039

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	3.3	.2		900	3.1	.2		900	1.3			900	1.3			900
CATEGORY B	12.7	1.7	.2	1019	11.0	1.3	.1	1039	6.4	.6		1015	5.6	.6		992

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	2.3	.1		4500	1.8	.1		7200
CATEGORY B	8.7	.9	.1	5175	7.0	.8	.0	8191

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.1			929				930				930	.4			930
CATEGORY B	.5	.1		1030	.1			1102	.6			1119	2.1			1037

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.2	.1		930	.2			930				930				930
CATEGORY B	3.3	.1	.1	1029	3.1	.2		1060	1.4	.3	.1	1109	.8			1060

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.2	.0		4650	.1	.0		7439
CATEGORY B	2.1	.1	.0	5354	1.5	.1	.0	8546

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A				900				900				900	.3			900
CATEGORY B				971				1008	1.1			1039	1.4			945

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.6			900	.6	.1		900	.3			898				896
CATEGORY B	2.8	.2		992	3.7	.4	.1	1020	1.4	.2		990	.5	.1		951

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.4	.0		4498	.2	.0		7194
CATEGORY B	2.1	.2	.0	4986	1.4	.1	.0	7916

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A				930				930				930				930
CATEGORY B	.2			984	.3			1016	.2			1042	.9			982

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.4			930	.1			930				930	.3			930
CATEGORY B	1.9			968	2.4			1001	1.7	.5	.2	1066	.8			996

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.1			4650	.1			7440
CATEGORY B	1.4	.1	.0	5059	1.0	.1	.0	8055

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A				930				930				930	.1			930
CATEGORY B				985	.1			1031				1047	1.0			1008

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.1			930	.2			930				930				930
CATEGORY B	1.1	.1	.1	1014	.9			994	1.3	.5		999	.3			969

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.1			4650	.1			7440
CATEGORY B	.8	.1	.0	5062	.6	.1	.0	8047

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A				900				900				900	.4			900
CATEGORY B				966				982	.4			1037	2.2	.2		956

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.6			900	.1			900	.2			900				900
CATEGORY B	2.9			954	2.3			971	.6	.1		967	.3	.1		954

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.3			4500	.2			7200
CATEGORY B	1.7	.1		4885	1.1	.1		7787

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.4			930	.1			930	.1			930	1.0			930
CATEGORY B	1.4	.3		960	1.0			974	1.6	.1		1010	4.6	.3		974

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.6			930	1.6			930	.3			930	.5			930
CATEGORY B	6.7	.2		970	5.5	.7		966	2.2	.2		976	1.9	.2		966

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.9			4650	.7			7440
CATEGORY B	4.1	.3		4896	3.1	.3		7796

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.6			900	.7			900	.6			900	1.7			900
CATEGORY B	3.5	.7		977	2.9	.2		978	3.4			1013	7.7	.7		1022

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	2.0			900	1.9			900	.4			900	.6			900
CATEGORY B	9.0	.6		1012	7.5	.9		1020	5.1	.4		992	4.3	.1		971

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.3			4500	1.0			7200
CATEGORY B	6.6	.5		5059	5.5	.5		7985

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 745940 STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.7			930	2.0			930	1.6			930	2.8			930
CATEGORY B	5.2	.9		972	5.4	.8		974	4.1	.6	.2	1038	8.6	.9		1029

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	3.5	.2		930	2.9	.1		930	2.2			930	2.3	.1		930
CATEGORY B	9.4	1.4	.1	1034	7.5	2.1	.2	998	5.6	1.2		990	5.4	1.1		995

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	2.6	.1		4650	2.4	.1		7440
CATEGORY B	7.0	1.2	.1	5089	6.4	1.1	.1	8030

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 010-190

STATION NUMBER: 745940 STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 79 - JUN 89
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.7			10958	.6			10959	.5			10959	1.5			10959
CATEGORY B	2.6	.4	.0	11831	2.2	.2		12097	2.5	.2	.0	12575	5.3	.5		12161

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	2.0	.1		10959	1.7	.1		10959	.9	.0		10957	.9	.0		10955
CATEGORY B	7.4	.8	.1	12134	5.3	.8	.1	12169	3.8	.5	.0	12162	3.3	.3		11867

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.3	.0		54793	1.1	.0		87665
CATEGORY B	5.0	.5	.0	61201	4.2	.5	.0	96996

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHHHH	
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHHHH	
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 745940 STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 43 - JUN 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1943							****	1	72	289	566	892	1820
1944	864	807	703	368	18	5			28	270	541	969	4573
1945	1084	762	343	215	147	31			19	242	492	1030	4365
1946	890	743	384	308	85	13		2	12	147	398	740	3722
1947	730	960	788	275	121	7			91	85	589	894	4540
1948	1147	834	552	298	97	2			25	275	400	787	4417
1949	705	605	586	320	88	2			53	121	505	739	3724
1950	543	751	740	403	100	2		1	71	172	534	926	4243
1951	802	762	631	308	84	11			23	159	648	763	4191
1952	758	712	688	274	91	2		1	21	316	500	812	4175
1953	759	658	579	299	20	17			27	131	472	719	3681
1954	885	592	621	201	145	2			7	208	583	852	4096
1955	924	764	548	223	69	22			32	203	592	993	4370
1956	958	702	699	378	150	17		****	94	187	543	609	4337
1957	1018	690	621	259	92	8		3	58	345	482	744	4320
1958	976	956	763	291	5	13			26	226	459	1022	4827
1959	936	755	632	248	58	13			33	214	559	725	4173
1960	874	806	937	216	120				12	225	466	1044	4700
1961	1075	728	543	418	144	6			16	170	450	863	4413
1962	926	849	662	322	69			1	64	203	598	988	4682
1963	999	942	522	265	131	14		1	98	170	453	1047	4642
1964	879	855	595	385	87	14		7	57	355	449	681	4364
1965	938	782	749	384	28	33		7	21	260	510	757	4469
1966	1048	821	577	429	131	19			63	305	502	876	4771
1967	783	922	664	291	231	8			68	309	661	822	4759
1968	1076	916	511	244	106	2		2	7	205	474	917	4460

1969	964	805	710	230	46				30	258	549	899	4491
1970	1123	819	757	333	78	1			24	161	491	822	4609
1971	1055	754	696	321	124	4			23	83	543	606	4209
1972	829	848	638	356	90	32	2		26	362	618	712	4513
1973	900	833	481	328	141				7	181	468	748	4087
1974	756	778	558	259	116	13			49	264	427	689	3909
1975	749	674	603	366	48				33	113	332	772	3690
1976	1044	529	469	267	112	5			36	330	675	913	4380
1977	1248	743	454	258	77	21			14	310	494	910	4529
1978	1097	1047	667	264	144	9	1		40	250	424	758	4701
1979	965	1082	499	356	101	39	8	4	27	288	361	682	4412
1980	875	911	692	236	55	18			16	249	580	832	4464
1981	1079	688	663	190	130	5			30	302	518	921	4526
1982	1196	798	661	390	43	6		10	35	251	443	623	4456
1983	875	781	575	365	118	4			56	221	455	932	4382
1984	1066	650	772	382	154	9			67	66	546	593	4305
1985	1021	753	571	240	74	7			35	165	316	884	4066
1986	940	856	600	356	103	7		26	36	242	578	782	4526
1987	950	871	605	348	114	2		1	13	376	451	736	4467
1988	1106	803	573	365	80	32	4		52	393	481	801	4690
1989	774	762	605	343	152								2636

MEAN	938	792	619	308	100	10	0	1	37	231	503	822	
SD	144.75	110.59	109.52	62.96	41.18	10.21	1.35	4.30	23.80	80.73	80.34	121.87	

****SPL 30YR SUMMATION (1951 -1980)****

MEAN	940	801	625	300	99	11	0	0	35	234	512	819	
SD	124.21	122.28	104.56	2.04	43.62	10.54	1.50	1.95	23.91	73.69	83.20	123.22	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 745940

STATION NAME: ANDREWS AFB MD
LST TO UTC: + 5

PERIOD OF RECORD: JUL 43 - JUN 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1943							****	428	146	9			583
1944			2	4	202	275	414	333	192	15			1437
1945			50	29	71	300	339	297	236	8	3		1333
1946			1	11	80	221	335	230	188	46	4		1116
1947				25	123	198	315	428	228	62			1379
1948			20	17	77	250	369	333	162	10	4		1242
1949		1	9	5	92	286	473	378	113	72			1429
1950	6		1	11	51	235	324	303	110	23	14		1078
1951				18	66	257	434	369	188	57	1		1390
1952				26	50	334	474	340	137	12			1373
1953				12	149	297	465	368	187	26			1504
1954		3		60	83	290	431	324	272	126			1589
1955				11	121	159	508	404	140	21	3		1367
1956				26	76	253	336	****	144	12	1		848
1957				62	112	314	380	274	221	1			1364
1958				22	55	162	422	313	139	28			1141
1959				31	155	303	381	433	249	107	3		1662
1960				85	48	247	331	383	158	22			1274
1961			2	19	42	244	410	365	326	30	22		1460
1962			4	45	151	257	281	329	114	29			1210
1963				37	60	196	346	257	71	7			974
1964				10	114	249	341	216	118		1		1049
1965				4	159	226	342	333	224	12			1300
1966				6	82	273	420	362	121	5	3		1272
1967				25	21	231	323	277	91	19			987
1968			8	11	35	217	373	389	130	27			1190

1969				26	118	332	431	339	167	26	1	1440
1970				8	135	235	378	352	278	47		1433
1971					39	275	348	305	206	41	21	1235
1972		7		8	39	138	361	293	138	4		988
1973				21	42	325	399	429	235	39	4	1494
1974		6		36	73	124	324	318	129	13	28	1051
1975				10	148	300	378	442	108	44	20	1450
1976		6		80	73	345	375	274	112	8		1273
1977			17	27	92	170	400	392	197	6	8	1309
1978				6	56	227	305	406	164	19		1183
1979			13	4	65	117	324	342	141	42	7	1055
1980				2	126	206	421	435	281	26		1497
1981				34	66	314	366	265	133	12		1190
1982				6	107	189	375	233	110	31	12	2 1065
1983				22	57	231	426	403	209	32		1380
1984				2	60	267	281	369	138	71		1 1189
1985		1	9	42	110	190	384	284	187	25	10	1242
1986			2		111	282	453	305	146	53		1352
1987				6	83	267	480	337	167		1	1341
1988				3	93	298	506	387	73	3		1368
1989			21	9	62	313						405

MEAN	0	0	3	20	87	248	384	341	167	28	3	0
SD	.88	.99	8.82	19.97	40.02	57.12	57.56	59.35	58.01	26.49	6.86	.33

****SPL 30YR SUMMATION (1951 -1980)****

MEAN	0	1	24	86	243	381	347	172	28	4	
SD	1.21	4.23	22.27	42.17	63.74	53.20	57.60	63.67	28.15	7.80	

A W S	STATION NAME: ANDREWS AFB MD												FIELD ELEV: 281 FT		
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 38 49 N 076 52 W												STATION MSC: 745940		
	HOURLY OBS POR: JUL 79 - JUN 89												CALL SIGN: KADW		
	SUMMARY OF DAY POR: JUN 43 - JUN 89														
DEC 89	HOURS SUMMARIZED: 0000 - 2300 LST												SUPERSEDES: NOV 86		
	LST TO UTC: +05														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	77	80	87	96	96	101	105	101	100	92	84	76	105	47	
MEAN MAX TEMP (F)	41.5	44.3	53.4	64.8	73.8	81.9	85.9	84.2	77.8	67.2	56.2	45.3	64.8	47	
MEAN TEMP (F)	34.1	36.4	44.6	54.9	64.1	72.5	76.9	75.5	68.9	58.0	47.8	37.9	56.1	47	
MEAN MIN TEMP (F)	26.5	28.2	35.5	44.7	54.1	62.8	67.6	66.3	59.6	48.4	39.0	30.2	47.0	47	
EXTRM MIN TEMP (F)	-5	-4	10	23	33	42	47	45	38	28	13	6	-5	47	
D/W TEMP GE 90 (F)	0	0	0	1	1	5	8	7	2	#	0	0	24	47	
D/W TEMP GE 80 (F)	0	#	1	3	9	19	27	24	13	3	1	0	100	47	
D/W TEMP LT 33 (F)	23	19	12	2	0	0	0	0	0	1	7	19	83	47	
D/W TEMP LT 10 (F)	1	1	0	0	0	0	0	0	0	0	0	1	3	47	
HEATING DEGREE DAYS	938	792	619	308	100	10	#	1	37	231	503	822	4361	47	
COOLING DEGREE DAYS	#	#	3	20	87	248	384	341	167	28	3	#	1281	47	
MEAN DEWPOINT TEMP (F)	19.4	23.9	29.2	38.5	51.5	60.2	65.0	63.7	57.5	45.6	37.1	27.1	43.3	10	
MEAN WET BULB TEMP (F)	28.4	32.3	38.2	46.9	57.2	65.1	69.3	67.7	61.9	51.3	43.5	34.9	49.8	10	
99.95% WCPA (FT)	950	950	1000	950	750	700	600	550	650	750	850	850	850	10	
MEAN REL HUM 07 LST(%)	63.2	67.1	66.0	68.1	75.6	75.2	77.4	79.6	81.3	77.4	74.7	67.6	72.8	10	
MEAN REL HUM 13 LST(%)	51.9	53.5	49.1	48.5	53.9	53.1	53.8	55.9	54.9	53.6	55.0	53.6	53.1	10	
MAX 24HR PRECIP (IN)	2.27	1.95	1.99	2.67	4.59	3.93	4.33	7.05	7.18	3.04	3.12	3.04	7.18	47	
MAX PRECIP (IN)	8.02	6.70	6.62	8.79	11.32	10.54	14.29	14.18	12.61	7.52	7.08	6.94	62.05	47	
MEAN PRECIP (IN)	3.08	2.81	3.59	3.07	4.11	3.60	4.41	4.30	3.60	3.25	3.44	3.35	42.46	47	
MIN PRECIP (IN)	.27	.61	.99	.18	.87	.46	.55	.36	.56	#	.17	.40	28.96	47	
D/W PRECIP GE .01 (IN)	10	9	11	10	11	10	10	9	8	7	9	9	113	47	
D/W PRECIP GT .50 (IN)	2	2	3	2	3	2	3	3	2	2	2	2	28	47	
MAX 24HR SNFL (IN)	13.6	19.6	12.9	2.8	#	0	0	0	0	3.8	14.0	10.4	19.6	43	
MAX SNFL (IN)	26.5	31.3	27.6	2.8	#	0	0	0	0	3.8	14.0	17.5	55.4	43	
MEAN SNFL (IN)	6.7	6.5	3.4	.1	#	0	0	0	0	.1	1.3	3.2	21.5	43	
D/W SNFL GE .1 (IN)	3	3	1	1	0	0	0	0	0	#	1	2	11	43	
D/W SNFL GE 1.5 (IN)	1	1	1	#	0	0	0	0	0	#	1	1	5	43	
MAX DLY SNO DEPTH (IN)	24	25	10	2	0	0	0	0	0	0	11	10	25	43	
MEAN SFC WND DIR (DEG)	300	300	330	330	\$210	210	\$210	\$210	\$210	\$210	\$330	330	\$330	10	
MEAN WND SPD (KTS)	6.4	6.7	7.6	7.0	5.4	4.8	4.7	4.7	4.7	5.1	6.0	6.3	5.8	10	
MAX WND SPD (KTS)	60	62	69	54	70	64	74	60	59	47	54	57	74	41	
SKY COVER GT 1/2 (%)	60.0	59.6	55.0	58.4	59.0	56.4	54.0	51.5	51.0	51.6	55.0	57.2	56.0	10	
D/W THUNDERSTORMS	1	1	2	3	5	7	8	6	2	1	1	1	38	40	
D/W FOG (VSBY LT 7 MI)	12	11	12	11	15	15	15	17	16	15	13	12	164	40	
LEGEND: ANN = ANNUAL															
D/W = MEAN NUMBER OF DAYS WITH															
& = BASED ON LESS THAN FULL MONTHS															
** = INSTANTANEOUS PEAK WINDS															
* = DATA NOT AVAILABLE															
POR/YOR = PERIOD/YEARS OF RECORD															
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE															
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE															
\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

CB-1

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	17.0	22.9	17.3	17.1	14.4	9.0	8.9	8.7	13.3	12.3	15.9	14.6	14.3	10
	03 - 05	17.2	23.1	19.0	20.0	21.3	14.1	16.0	15.2	20.4	17.2	17.9	15.5	18.1	
	06 - 08	19.4	24.7	21.9	21.1	21.9	17.2	19.2	21.3	27.8	20.2	21.8	18.7	21.3	
	09 - 11	19.5	21.4	18.1	19.1	19.7	10.4	11.1	10.6	18.6	14.5	19.7	19.6	16.9	10
	12 - 14	17.7	19.4	16.9	15.6	16.2	6.7	5.1	7.1	14.2	14.0	16.1	16.9	13.8	10
	15 - 17	17.7	19.6	15.9	15.2	14.3	5.9	4.1	5.2	11.4	12.2	15.9	15.7	12.8	10
	18 - 20	18.6	18.5	16.9	14.2	13.4	7.0	5.5	7.3	11.2	10.8	15.0	16.2	12.9	10
	21 - 23	17.6	21.2	17.6	14.9	12.6	7.2	5.6	7.1	10.7	11.1	15.4	15.3	13.0	10
	ALL	18.1	21.3	18.0	17.2	16.7	9.7	9.4	10.3	16.0	14.0	17.2	16.6	15.3	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	14.1	19.3	13.8	13.1	11.3	6.8	7.1	7.5	9.6	8.6	11.8	11.2	11.2	10
	03 - 05	13.	18.5	14.4	15.0	18.4	12.6	13.2	13.0	16.0	13.9	13.7	12.	14.6	10
	06 - 08	15.2	19.7	16.7	16.8	19.4	14.0	17.1	18.7	22.4	17.0	18.0	14.6	17.5	10
	09 - 11	17.6	18.5	13.2	14.1	15.2	6.8	6.1	6.9	11.0	12.0	15.3	15.5	12.7	10
	12 - 14	15.6	15.7	11.3	10.1	9.1	4.2	2.3	2.7	6.7	9.4	12.0	13.0	9.3	10
	15 - 17	14.8	14.1	11.7	9.3	8.5	3.3	2.8	2.6	5.3	8.2	11.8	12.4	8.7	10
	18 - 20	15.1	14.1	11.0	9.1	9.0	5.7	3.7	4.6	6.3	8.0	11.0	11.4	9.1	10
	21 - 23	14.0	16.0	13.1	11.2	8.8	6.0	4.6	5.6	6.1	7.5	10.9	10.9	9.6	10
	ALL	15.0	17.0	13.1	12.3	12.5	7.4	7.1	7.7	10.4	10.6	13.1	12.7	11.6	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	12.4	16.8	12.0	9.7	8.7	4.8	4.2	3.3	6.4	7.1	8.3	10.0	8.6	10
	03 - 05	11.1	15.9	12.6	12.7	13.4	8.7	7.8	7.3	11.3	11.7	10.3	10.6	11.1	10
	06 - 08	12.3	16.1	13.8	13.7	14.5	8.6	9.0	9.4	13.7	13.5	14.9	11.1	12.5	10
	09 - 11	14.7	15.3	11.0	12.0	10.1	4.4	2.7	3.4	7.2	10.2	12.2	12.9	9.7	10
	12 - 14	12.1	12.0	9.9	8.0	5.5	1.9	.6	1.4	3.8	6.0	10.3	11.3	6.9	10
	15 - 17	12.6	10.1	9.5	7.3	6.1	2.1	1.2	1.9	2.4	6.6	9.8	10.9	6.7	10
	18 - 20	13.2	11.7	9.1	7.0	6.0	2.4	.9	2.0	3.3	6.3	8.7	9.7	6.7	10
	21 - 23	11.6	13.5	10.1	8.3	7.0	3.0	1.9	3.2	4.6	6.8	9.2	9.8	7.4	10
	ALL	12.5	13.9	11.0	9.8	8.9	4.5	3.5	4.0	6.6	8.5	10.5	10.8	8.7	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.8	3.4	1.0	1.3	1.1	.3	.2	.0	.8	1.4	.7	2.0	1.2	10
	03 - 05	2.4	4.4	1.4	2.0	2.3	1.0	1.1	.4	1.3	2.8	.8	2.3	1.8	10
	06 - 08	2.3	3.7	2.9	2.6	2.0	1.0	.6	.9	1.0	2.6	2.7	3.3	2.1	10
	09 - 11	2.9	2.8	.8	.8	.2	.0	.0	.0	.0	.5	1.2	1.7	.9	10
	12 - 14	1.8	1.5	.4	.1	.1	.0	.0	.0	.0	.0	.7	.5	.4	10
	15 - 17	2.2	2.1	.4	.2	.3	.2	.0	.0	.0	.0	.8	1.0	.6	10
	18 - 20	1.7	2.5	.4	1.0	.2	.0	.0	.0	.0	1.2	.7	1.5	.8	10
	21 - 23	1.7	2.8	.8	1.7	.4	.0	.1	.0	.3	1.4	.3	1.9	.9	10
	ALL	2.1	2.9	1.0	1.2	.8	.3	.3	.2	.4	1.2	1.0	1.8	1.1	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:

HR/TS	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/0	0/1	0/1	1/5	0/4	1/0	0/0	2/11
120NM	0/0	0/1	0/3	1/8	3/6	1/0	0/0	5/18
240NM	1/0	0/7	4/7	16/21	15/17	2/4	0/1	38/57

DISTRIBUTION

7WW/DN, Scott AFB, IL 62225-5000	1
15WS/DON, MCGUIRE AFB, NJ 08641-5002	1
Det 1, 15WS, ANDREWS AFB, MD 20331-5000	1
USAFETAC/LDD, Scott AFB, IL 62225-5438	1
OL-A, USAFETAC, Federal Building, Asheville, NC 28801-2723	1
DTIC-FDAC, Cameron Station, Alexandria, VA 22304-6145	2
AWSTL, Scott AFB, IL 62225-5458	10